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# CLIMATOLOGICAL DATA

ALABAMA

JULY 1948

Volume LIV No. 7



#### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

## ALABAMA - JULY, 1948

E. D. Emigh, Section Director - Montgomery

### General Summary

On July 9th a disturbance, which had developed off the coast, moved northward along the Alabama-Georgia line with very heavy rain in its path. Maximum 24 hour counts averaged around 7 inches near the border from Lee County southward through Houston County. Heavy rain from this storm was, however, confined mostly to the eastern portion of the State east of the Alabama and Coosa Rivers, and there were droughts in the northwest and west portions where little or none was recorded at that time. West of the Alabama and Warrior Rivers, monthly totals averaged roughly near 1 inch less than normal. If the rainstorm had not occurred in the southeast on the 9th, average rainfall over the State for the month would have been somewhat less than normal. In general, there were no prolonged periods of either dry or wet weather.

Temperatures averaged nearly a degree above normal. The first and third quarters of the month were rather warm, but it was relatively mild from the 9th to the 15th and during the last week. Nearly half the stations had maximum readings as high as 100° during the first week, but none of these temperatures were particularly unusual. It was unusually cool in the southeast and east central portions of the State on the 9th, when heavy rain was falling over that area.

Two persons were reported killed by lightning on the afternoon of the 8th, 5 miles northeast of Tarrant City, in Jefferson County. During the same afternoon, lightning killed a woman near Ashland, in Clay County. No reports were received of severe windstorms or hail during the month.

It has been an unusually favorable month as a whole for crop growth. Miscellaneous crops suffered somewhat on account of insufficient moisture in some areas of the State east and northwest during the first half month, but abundant rain during the third week relieved this condition, and by the end of the month, corn, sweet potatoes, peanuts, soy beans, cane, sorghum, cowpeas, and other field and garden crops were in fine condition where soil fertility was favorable. Pastures were unusually good at this time, and cattle were consequently in fine condition. The cotton crop has also done unusually well this year, despite its late start as a result of excessive rains during the April planting season. Although showers have yielded abundant moisture in the southeast and east central portions of the State, sunshine and the use of poison have kept all weevils under fairly good control. Toward the last of July, farmers were beginning to need dry weather for the cutting and curing of hay.-FCP

### Temperature

The monthly mean temperature for the State, determined from the records of 58 stations, was 81.1°, or 0.8° above the normal. The highest local monthly mean was 87.7°, at the Mobile City Office; the lowest was 77.8° at Valley Head. The highest temperature recorded was 104° at Rock Mills on the 3d and at Fayette on the 5th; the lowest was 57° at Huntsville and Madison on the 25th, making the monthly range for the State 47°.

### Precipitation

The monthly average for the State, determined from the records of 173 stations, was 6.23 inches, or 0.64 inch more than the normal. The greatest monthly amount was 19.92 inches at Columbia; the least was 1.91 inches at Pushmataha. The greatest amount of precipitation on any observational day was 7.85 inches measured at Columbia on the morning of the 10th. Rainfall amounting to 0.01 inch or more fell on an average of 11 days.



# PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	AVERAGE PERCENT	
ANNISTON					-	-	-	-	93	91	60	72	-	0
BIRMINGHAM	30.21	3	29.82	7	6.7	35	NE	9	85	85	55	65	49	0
MOBILE	30.15†	3	29.87†	7	6.7	26	NW	24	90†	90†	61†	77†	55	0
MONTGOMERY	30.17†	3	29.81†	9	6.4	25	NW	14	89†	89†	59†	69†	72	0
† AIRPORT DATA														

TABLE 1  
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION							YEAR	TEMPERATURE			PRECIPITATION						
	MEAN	HIGHEST	LOWEST	AVERAGE	DIVISION			AVERAGE SNOWFALL	Days, 01 or more	MEAN		HIGHEST	LOWEST	AVERAGE	DIVISION			AVERAGE SNOWFALL	Days, 01 or more		
					NORTHERN	CENTRAL	SOUTHERN								NORTHERN	CENTRAL	SOUTHERN				
1884	80.9	104	54	5.84	5.74	5.60	7.67	-	11	1919	79.6	102	56	6.64	4.86	7.51	9.03	.0	12		
1885	80.8	103	48	4.06	3.85	4.24	3.42	-	13	1920	79.5	99	57	5.28	5.66	4.12	6.84	.0	10		
1886	79.4	100	54	4.06	2.51	4.97	6.76	-	9	1921	81.4	103	59	5.17	5.09	4.49	6.59	.0	12		
1887	81.0	102	64	7.66	6.25	9.31	7.77	-	12	1922	79.9	100	53	4.39	4.01	3.88	6.38	.0	9		
1888	81.5	100	64	3.26	3.43	2.86	3.19	-	7	1923	78.5	101	48	5.23	4.88	4.96	6.39	.0	11		
1889	80.3	100	62	6.23	6.28	5.99	6.64	-	12	1924	79.9	103	49	3.55	1.98	3.70	6.71	.0	7		
1890	80.0	105	60	5.70	4.79	5.15	8.84	-	9	1925	81.7	106	54	4.89	4.20	4.87	5.72	.0	10		
1891	78.2	102	46	6.02	6.82	5.43	5.82	-	10	1926	79.2	104	49	6.13	4.68	6.85	7.05	.0	11		
1892	78.6	102	58	8.93	9.37	8.58	9.12	-	17	1927	80.3	105	55	4.03	3.58	4.16	4.81	.0	9		
1893	82.0	103	60	3.53	2.60	3.96	4.95	-	8	1928	80.6	101	60	5.11	4.38	5.72	5.30	.0	11		
1894	78.7	103	56	5.00	5.03	4.67	5.51	-	12	1929	79.9	99	58	3.78	3.45	3.47	4.87	.0	9		
1895	80.1	102	56	5.00	5.34	4.05	5.77	.0	12	1930	83.7	111	50	3.96	3.45	3.69	5.18	.0	8		
1896	81.0	105	50	5.31	4.45	4.54	7.67	.0	8	1931	81.8	104	58	5.83	4.59	4.35	9.51	.0	12		
1897	81.2	105	50	4.78	4.77	3.97	6.81	.0	10	1932	82.9	105	54	4.85	5.85	4.15	4.97	.0	11		
1898	80.0	103	51	6.07	5.98	6.31	5.97	.0	14	1933	79.4	105	52	7.46	5.11	6.77	11.57	.0	14		
1899	80.4	103	52	6.82	6.09	6.93	8.50	.0	10	1934	81.8	106	60	6.55	6.04	7.20	6.01	.0	12		
1900	79.9	102	56	4.89	5.30	3.51	6.02	.0	11	1935	81.3	103	60	4.77	2.84	5.30	6.87	.0	11		
1901	82.3	108	56	3.41	3.36	2.90	4.69	.0	7	1936	81.8	107	60	7.21	6.70	6.84	8.49	.0	12		
1902	82.8	109	53	2.51	2.40	2.12	4.12	.0	7	1937	80.0	101	49	4.47	4.13	4.40	5.45	.0	9		
1903	80.1	102	54	4.02	3.77	3.96	5.24	.0	9	1938	80.4	101	60	7.54	6.77	7.89	9.29	.0	13		
1904	78.5	103	54	4.88	4.31	5.34	4.70	.0	11	1939	80.9	105	58	4.82	4.19	4.95	5.87	.0	11		
1905	79.6	103	55	4.54	4.50	4.47	5.12	.0	10	1940	78.7	101	54	8.46	8.43	8.06	9.28	.0	15		
1906	79.0	100	55	8.29	9.52	7.35	7.38	.0	14	1941	80.6	100	57	7.97	7.44	7.58	9.84	.0	16		
1907	81.0	104	56	5.04	4.40	5.48	5.36	.0	10	1942	81.0	104	57	4.83	3.48	4.75	7.82	.0	11		
1908	80.0	103	56	4.80	4.26	4.86	6.14	.0	12	1943	82.0	104	60	4.72	3.83	4.82	6.42	.0	11		
1909	80.0	101	50	4.54	4.28	4.27	6.32	.0	9	1944	80.1	105	49	4.21	3.08	4.37	6.26	.0	10		
1910	78.6	100	55	7.14	6.39	7.35	8.54	.0	14	1945	80.3	102	56	5.75	3.76	5.77	9.91	.0	12		
1911	78.0	102	50	5.66	6.49	3.50	6.40	.0	12	1946	79.4	99	59	6.99	6.20	6.67	9.26	.0	14		
1912	79.8	102	56	5.15	5.27	4.78	5.80	.0	12	1947	77.7	100	41	3.48	2.58	4.87	2.72	.0	7		
1913	81.1	106	51	5.00	3.80	5.37	6.47	.0	12	1948	81.1	104	57	6.23	5.45	6.56	8.06	.0	11		
1914	81.6	107	56	4.17	4.67	3.23	5.00	.0	8	Period	80.3	111	41	5.51	5.03	5.36	6.80	.0	11		
1915	80.4	105	52	5.24	5.42	5.05	5.14	.0	8												
1916	78.5	99	59	6.69	14.90	15.75	21.76	.0	17												
1917	79.6	101	54	6.04	5.90	6.10	6.54	.0	13												
1918	78.1	104	48	3.87	3.86	3.72	4.08	.0	8												

SEE REFERENCE NOTES FOLLOWING STATION INDEX



TABLE 2  
CLIMATOLOGICAL DATA

ALABAMA  
JULY 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
NORTHERN DIVISION																		
ADDISON	-	-							3.44	-	2.57	16	.0			6	3	1
ALBERTVILLE	78.8	- 0.1	100	5	60	25	14		6.71	+ 1.70	2.10	10+	.0			11	7	2
ALICEVILLE	-	-							3.56	-	1.05	17	.0			8	5	1
ANNISTON	80.2	+ 1.7	100	4+	63	25	24		-	-								
ANNISTON WB AIRPORT	79.2	-	99	5	61	25	20		8.32	-	2.54	11	.0			15	7	2
ARLEY	-	-							4.37	-	1.64	15	.0			7	7	1
ASHLAND	-	-							9.99	-	2.45	9	.0			17	7	4
ASHVILLE	-	-							5.05	- .16	.97	14	.0			10	8	
ATHENS	-	-							3.64	-	1.00	27	.0			9	4	1
BELGREEN	-	-							2.92	-	.61	16	.0			12	5	
BERRY	-	-							3.82	-	1.20	14	.0			7	4	1
BEXAR 2 MILES SE									2.35	-	.48	28	.0			11	4	
BIRMINGHAM WB APT.	81.0	+ 1.2	100	5	64	25	24		6.55	+ 1.38	1.53	8	.0			14	7	2
BIRMINGHAM WB CITY	82.3	+ 2.1	102	6	66	25	26		5.87	+ .70	2.66	17	.0			11	5	2
BISHOP	-	-							4.45	-	1.35	18	.0			10	7	1
BOAZ	-	-							7.34	-	2.25	11	.0			10	6	3
BRIDGEPORT	-	-							4.01	- .88	1.09	27	.0			13	6	1
CALERA	-	-							9.45	+ 3.72	2.67	17	.0			14	7	3
CARBON HILL	-	-							3.07	-	1.23	14	.0			9	5	1
CENTER GROVE	-	-							6.11	-	2.05	28	.0			10	6	2
CHILDERSBURG	-	-							5.15	-	1.69	10	.0			11	6	2
COLLINSVILLE	-	-							4.29	-	1.18	11	.0			12	7	1
CORDOVA	81.6	+ 2.3	101	7	65	1+	27		5.96	- .41	2.10	14	.0			7	6	3
DECATUR	80.6	+ 0.3	99	5	63	25	17		5.29	+ .94	1.62	14	.0			12	8	1
ELROD	-	-							6.15	-	2.20	27	.0			11	7	2
FALKVILLE	-	-							3.62	-	1.07	17	.0			9	7	1
FALLS CITY 6 MI NW	-	-							3.04	-	1.00	14+	.0			4	4	2
FAYETTE	81.0	-	104	5	62	2+	26		3.29	- 2.36	1.25	14	.0			9	6	1
FLAT ROCK	-	-							3.66	-	1.27	10	.0			9	3	1
FLORENCE AT LOCK	-	-							5.13	+ .51	1.56	27	.0			10	6	1
FORT PAYNE	-	-							6.36	-	1.10	27	.0			10	9	2
GADSDEN	79.7	- 0.3	99	5+	58	25	24		10.73	+ 5.54	3.11	11	.0			16	7	5
GARDEN CITY	-	-							1.99	-	1.23	15	.0			3	3	1
GOODWATER	78.9	- 0.4	95	5	65	25	10		9.34	+ 3.18	2.98	10	.0			18	7	4
GORGAS	-	-							3.47	-	1.14	14	.0			11	4	1
GUNTERSVILLE	-	-							5.37	+ .44	1.56	11	.0			10	6	2
GUNTERSVILLE REC	-	-							6.15	-	2.00	26	.0			7	6	2
GUNTERSVILLE DAM	-	-							4.54	-	1.37	28	.0			10	4	2
HALEYVILLE	80.0	-	99	5	62	25	17		3.65	-	.70	13	.0			12	6	
HAMILTON	-	-							4.80	+ .07	2.23	17	.0			10	5	1
HELENA	-	-							5.25	+ .04	1.92	9	.0			6	5	2
HIGHTOWER	-	-							5.32	-	2.00	10	.0			7	6	2
HODGES	-	-							7.05	-	2.19	18	.0			10	8	1
HUNTSVILLE	79.0	-	99	5+	57	25	17		5.46	+ .77	1.97	13	.0			10	4	3
HYTOP	-	-							5.40	-	1.44	11	.0			15	7	1
JACKSON SHOALS	-	-							5.12	-	2.34	10	.0			14	4	1
JACKSONVILLE	-	-							9.02	-	3.38	10	.0			10	5	3
LEEDS	-	-							4.82	- 1.41	1.55	17	.0			9	4	2
LEESBURG	-	-							5.88	+ .53	1.94	17	.0			10	6	2
LOCK NO 4	80.2	+ 0.2	99	7	62	25	22		3.62	- 1.63	1.67	10	.0			11	4	1
LOCK NO 17	-	-							3.38	-	1.01	28	.0			12	5	1
MADISON	79.4	- 0.4	100	5+	57	25	21		5.51	+ .89	1.60	27	.0			13	6	2
MAGELLA	-	-							7.35	-	4.04	17	.0			12	7	1
MONTE SANO	-	-							6.35	-	2.80	11	.0			5	5	3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
JULY 1948

TABLE 2  
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
MONTEVALLO	-	-							8.46	-	1.25	10	.0			14	10	4
MOULTON	-	-							2.90	-	.69	23	.0			8	4	
MUSCLE SHOALS	81.2	+ 1.6	103	7	62	25	21		6.25	+ 1.63	2.04	13	.0			11	5	2
NEW MARKET	-	-							7.13	-	2.20	27	.0			9	8	1
ONEONTA	-	-							4.10	- .52	1.10	28	.0			8	6	1
PAINT ROCK	-	-							4.00	-	1.06	27	.0			10	5	1
PICKENSVILLE	-	-							4.00	-	2.00	13	.0			8	4	1
REFORM	-	-							3.33	-	1.26	17	.0			9	4	1
ROCK MILLS	79.8M	-	104	3	61	25	25		8.66	+ 2.51	4.04	10	.0			15	6	2
SAINT BERNARD	79.8	+ 1.7	101	5	60	11+	21		2.74	- 2.58	.75	14	.0			8	4	
SAYRE	-	-							4.75	-	1.50	14	.0			8	5	2
SCOTTSBORO	80.1	+ 1.8	102	5	58	26	21		3.84	- 1.13	1.23	11	.0			11	5	1
SHEFFIELD TVA NRSY	-	-							5.64	-	2.00	27	.0			9	5	2
SOUTH HILL	-	-							6.47	-	2.20	27	.0			9	8	2
SWAIM	-	-							4.65	-	1.14	11	.0			9	6	1
SYLACAUGA	-	-							8.52	-	1.40	9	.0			15	9	4
SYLVANIA	-	-							4.20	-	1.20	11	.0			11	6	1
TALLADEGA	78.7	- 1.4	98	5	63	15	23		8.47	+ 3.11	2.42	28	.0			16	9	3
TONEY	-	-							6.39	-	1.75	27	.0			11	5	3
TRAFFORD	-	-							2.20	-	1.01	13	.0			4	4	1
TUSCALOOSA AIRPORT	82.4	+ 1.0	103	5	67	11+	26		3.72	- 1.77	1.14	13	.0			14	5	1
TUSCALOOSA LOCK DAM	-	-							4.07	-	1.20	9	.0			12	5	1
UNIVERSITY	81.9	+ 0.5	102	5+	68	10+	26		3.89	- 1.60	1.10	8	.0			9	6	2
VALLEY HEAD	77.8M	+ 0.5	99	5			20		6.47	+ 1.46	1.64	29	.0			10	10	2
VANCE	-	-							8.27	-	5.07	14	.0			9	8	1
VERNON	-	-							5.92	-	1.92	13	.0			9	4	2
WADLEY	-	-							11.05	-	2.30	10	.0			10	9	4
WALNUT GROVE	-	-							5.93	-	2.55	27	.0			9	6	1
WATERLOO	-	-							3.78	- .44	1.00	27	.0			8	5	1
WEST BLOCTON	-	-							8.06	-	2.31	29	.0			10	6	3
WHEELER DAM	-	-							5.01	-	2.37	27	.0			10	6	1
WINFIELD 2 MILES SW	-	-							8.82	-	3.36	27	.0			9	6	2
DIVISION	80.2	+ 0.6	104	3+	57	25	21		5.45	+ 0.32	5.07	14	.0			10	6	2
MIDDLE DIVISION																		
ABBEVILLE	-	-							13.98	-	7.00	9	.0			13	8	4
ALBERTA	-	-							-	-	.60	31	.0			7	3	
ALEXANDER CITY	80.0	-	96	5+	65	25	22		10.60	-	4.20	10	.0			7	7	5
AUBURN	79.2	- 0.7	96	5+	65	4+	16		11.62	+ 6.30	7.00	10	.0			12	5	3
AUBURN 4 MILES N	-	-							11.54	-	5.34	9	.0			12	10	2
AUTAUGAVILLE	-	-							5.05	-	2.70	10	.0			6	4	1
BEATRICE	-	-							4.93	-	2.10	16	.0			6	6	1
BILLINGSLEY	-	-							5.81	-	2.70	11	.0			5	5	2
BRANTLY	-	-							6.64	-	1.65	9	.0			8	5	3
BRUNDIDGE	-	-							8.99	+ 3.51	2.58	10	.0			14	8	2
CAMPBELL	-	-							-	-	1.80	16	.0			8	4	1
CENTERVILLE	82.8	+ 2.8	103	5	67	1+	27		4.90	- .38	1.48	14	.0			10	6	1
CLANTON	80.8	+ 0.7	102	7	67	4+	22		6.14	+ .34	2.19	10	.0			14	8	1
CLAYTON	-	-							10.72	+ 4.95	4.08	10	.0			15	11	3
CUBA	-	-							5.56	-	1.12	29	.0			12	8	1
DADEVILLE	-	-							10.36	+ 5.07	5.96	10	.0			14	8	2
DADEVILLE NO 2	-	-							-	-	3.36	10	.0			13	7	3
DANCY	-	-							3.59	- .88	1.10	20	.0			8	5	1
DAYTON	82.6	-	103	5	63	1	27		5.97	-	1.04	23	.0			16	7	1
DEMOPOLIS	-	-							2.49	- 2.46	1.00	15	.0			11	2	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX



TABLE 2  
CLIMATOLOGICAL DATA

ALABAMA  
JULY 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	01 INCH OR MORE	25 INCH OR MORE	1.00 INCH OR MORE
EUFULA	81.6	+ 0.8	98	4+	66	4	21		13.97	+ 7.81	4.34	10	.0			20	13	4
EUTAW LOCK NO 7	-	-							4.61	-	1.07	9	.0			12	6	1
GAINESVILLE	-	-							5.46	-	1.30	15	.0			13	8	1
GREENSBORO	82.7	+ 2.1	102	5	67	1	25		4.54	- .73	1.87	14	.0			13	3	2
GREENVILLE	81.2	+ 1.3	97	5	67	4	24		9.62	+ 3.73	2.68	13	.0			12	9	2
GREENVILLE NO 2	-	-							8.11	-	3.07	9	.0			11	7	2
HAYNEVILLE	-	-							6.11	-	1.87	16	.0			8	5	3
HIGHLAND HOME	80.5	+ 0.5	96	5	67	7	21		8.66	+ 2.79	3.15	8	.0			10	7	
JORDAN DAM	-	-							7.39	-	4.11	10	.0			12	6	
LAY DAM	-	-							10.38	-	4.70	9	.0			10	7	3
LIVINGSTON	82.0	+ 0.8	100	5	66	4	26		6.64	+ 1.19	1.51	19	.0			15	7	3
LOCK NO 2	-	-							2.38	- 3.45	.73	9	.0			11	4	
LOCK NO 3	-	-							3.78	- 1.13	.76	15	.0			10	5	
MAGNOLIA	-	-							5.10	-	1.61	14	.0			14	6	2
MARION 1 MILE SSE	-	-							6.36	+ 1.07	1.44	15	.0			14	8	2
MARION JUNCTION	-	-							5.33	-	1.53	13	.0			13	5	2
MARTIN DAM	-	-							9.10	+ 3.64	4.32	10	.0			13	9	2
MAXWELL FIELD	83.2	-	98	5+	70	4	24		7.09	-	3.44	9	.0			10	6	2
MELVIN	-	-							4.08	-	1.16	28	.0			12	6	1
MERTZ 3 MILES E	-	-							4.79	-	1.85	9	.0			6	6	1
MILLERS FERRY	-	-							5.79	+ .15	1.92	28	.0			7	6	2
MILSTEAD	-	-							7.17	+ 1.64	3.98	10	.0			11	7	1
MITCHELL DAM	-	-							6.60	-	4.03	10	.0			9	5	1
MONTGOMERY WB APT	82.3	-	98	7	70	4+	24		5.11	-	3.24	9	.0			9	4	1
MONTGOMERY WB CITY	82.4	+ 0.7	98	7	70	9+	22		5.22	+ .36	3.35	9	.0			9	4	1
ORRVILLE	-	-							5.60	-	1.82	15	.0			7	5	3
PERRYVILLE	-	-							2.62	-	1.21	10	.0			5	3	1
PETERMAN	-	-							3.86	-	1.69	9	.0			5	4	1
PINE HILL	-	-							3.65	-	1.27	10	.0			8	5	1
PINE LEVEL	-	-							5.25	-	3.00	10	.0			7	4	1
PLANTERSVILLE	-	-							5.01	-	1.60	10	.0			10	5	2
PLEASANT HILL	-	-							4.57	-	1.93	9	.0			11	5	1
PRATTVILLE	81.6	+ 1.5	99	7	66	4	23		7.44	+ 1.99	2.15	9	.0			11	6	3
PRIMROSE FARM	-	-							6.86	+ 1.68	2.03	13	.0			10	5	4
PUSHMATAHA	82.0	+ 1.4	100	23	67	2+	25		1.91	- 3.94	.53	14	.0			9	3	
SEALE 7 MILES WNW	-	-							9.86	+ 3.87	3.22	9	.0			11	6	4
SELMA	80.4	- 1.2	97	6	67	4	19		3.63	- 1.49	1.04	10	.0			8	5	1
SNOW HILL	-	-							5.34	-	1.54	10	.0			10	7	1
THOMASVILLE	82.1	+ 1.2	99	23	66	1	26		3.85	- 2.17	1.50	1	.0			12	5	1
THORSBY 1 MILE SW	-	-							5.33	-	1.33	9	.0			13	7	2
THURLOW DAM	-	-							6.20	+ .94	4.06	10	.0			12	4	1
TROY	80.9	+ 0.3	96	8	67	1	21		8.70	+ 3.00	3.31	10	.0			11	9	2
TUSKEGEE	80.8	- 0.1	99	4	65	12	23		5.65	+ .83	4.00	10	.0			5	4	1
UNION SPRINGS	80.5	- 0.6	96	7	69	4	17		10.95	+ 5.90	2.75	10	.0			15	12	3
UNIONTOWN	-	-							3.84	- 1.43	.87	13	.0			9	6	
WETUMPKA	81.9	+ 0.2	97	7	68	4	24		6.82	+ 2.00	4.16	10	.0			12	3	2
WHATLEY	-	-							9.30	-	1.90	26	.0			16	9	4
YATES HYDRO PLANT	-	-							7.62	+ 2.36	4.60	10	.0			13	4	1
DIVISION	81.5	+ 0.6	103	5	63	1	23		6.56	+ 1.18	7.00	9+	.0			11	6	2
SOUTHERN DIVISION																		
ANDALUSIA	81.4M	-	95	8+	68	8+	18		-	-	3.50	9	.0			9	5	1
ATMORE STATE FARM	82.8	-	100	23	66	1	29		13.02	-	2.87	9	.0			16	12	3
BAY MINETTE	81.2	+ 0.7	98	23	65	1	24		7.86	- .54	2.40	2	.0			12	6	4
BREWTON 3 MILES SSE	81.0	- 0.1	99	22	63	6	27		9.06	+ 2.21	2.35	9	.0			15	10	3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
JULY 1948

TABLE 2  
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
CITRONELLE	81.6	+ 0.7	97	23	68	1	20		3.99	- 3.48	.60	15	.0			12	8	
COFFEE SPRINGS	-	-							8.91	+ 2.36	2.05	9	.0			13	9	3
COLUMBIA	-	-							19.92	-	7.85	10	.0			16	11	6
DOTHAN CAA AIRPORT	82.0	-	98	1+	67	4	24		12.73	+ 6.81	6.73	9	.0			14	8	2
ELBA	-	-							-	-	-							
EVERGREEN	81.8	+ 1.1	96	1+	67	24+	26		5.57	- .53	1.61	29	.0			10	7	2
FAIRHOPE	82.4	+ 1.5	98	24	67	1	25		4.47	- 3.86	.94	12	.0			18	6	
FORT MORGAN	-	-							7.30	-	1.80	12	.0			12	7	3
FRISCO CITY	-	-							5.52	- .48	.89	13	.0			15	9	
GENEVA	82.1	-	100	4+	65	3	26		9.56	+ 3.56	2.61	9	.0			17	8	4
LOCKHART	82.0	-	98	24	68	1	24		7.77	-	3.60	9	.0			14	8	2
LOCK NO 1	-	-							4.54	- 1.10	1.86	17	.0			7	4	2
MILLRY	81.6	+ 2.0	100	23	66	2+	28		7.60	+ 1.51	3.00	29	.0			8	6	2
MOBILE WB AIRPORT	82.0	-	96	22+	67	1	26		6.03	-	1.73	1	.0			18	7	2
MOBILE WB CITY	83.7	+ 2.3	97	24	69	1	24		2.84	- 4.05	.76	29	.0			15	3	
NEW BROCKTON	-	-							-	-	3.19	9	.0			12	8	3
NEWTON	-	-							7.43	+ 1.66	4.08	10	.0			9	7	1
OZARK	81.7	+ 1.0	100	7	68	4+	23		14.39	+ 8.23	2.90	29	.0			20	11	5
RIVER FALLS	-	-							6.58	+ .14	2.67	10	.0			10	5	2
RIVER FALLS 2 MI NE	-	-							-	-	2.71	9	.0			11	6	3
ROBERTSDALE	81.0	-	97	23	66	1	22		9.76	+ .24	2.38	9	.0			14	11	4
SLOCOMB	-	-							8.35	-	4.44	10	.0			12	5	2
TIBBIE	-	-							2.77	-	.95	3	.0			6	5	
WALLACE	-	-							7.59	-	2.25	9	.0			11	7	2
DIVISION	81.9	+ 1.0	100	4+	63	6	24		8.06	+ 1.19	7.85	10	.0			13	7	2
STATE	81.1	+ 0.8	104	3+	57	25	23		6.23	+ 0.64	7.85	10	.0			11	6	2

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# TABLE 3

## DAILY PRECIPITATION

ALABAMA  
JULY 1948

STATION		DAY OF MONTH																															TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBEVILLE	R		.18						.12	7.00	1.41	.25	.66	1.31	.16		.56			.80						.08						.05	13.98
ADDISON	R					.18				.15	.25						2.57																3.44
ALBERTA			.08					.12		.35	.42																						
ALBERTVILLE										2.10	.45			.13	.26		.46					.20		.18				.33	2.10	.38			
ALEXANDER CITY						1.40		1.75		4.20	.35								.50					1.25								.14	10.60
ALICEVILLE										.35				.86	.55	.51		1.05				.09				.20							3.56
ANDALUSIA		-	-	-			-			3.50	.06		.09	T	T	T	.23	.03							.77	.29		.15	.94	.48			3.32
ANNISTON WB AIRPORT				.49	T	.82		T		.87	1.23	2.54	.01	T	.74	.01	.21		.11			.18		.11	.03				.76	.80	.25	T	.03
ARLEY										.30							1.64	.64		.34													4.37
ASELAND	// R				.98	.30		.42	2.45	1.68	.13	.08	.12	.18		.05	.10		.05			1.79				.40			1.25	.06	.20	.14	9.99
ASHVILLE										.12	.92	.73	.48		.97	.05					.71				.40				.40	.29	T		5.05
ATRENS		.10									.51				.61	.12			.94	.09					.10				1.00				3.84
ATMORE STATE FARM	Z	.08				.80	.90			2.87			.31	1.62	.02	.05	1.35	.92	.45					.17		.06	.33		.15	2.80	.02	.65	13.02
AUBURN										.08	7.00	.57		.02	.05	1.35					.13		.12		1.80	.37				.08	.05		11.82
AUBURN 4 MILES N	R		.72	T						5.34	1.54			.47	.40	.29			.36	.60				.62	.87				.15	.18			11.54
AUTAUGAVILLE											2.70			.32	.75	.94				.19											.15	5.05	
BAY MINETTE		2.40				1.30				1.12		.05	.56		.10		.79	.08	.02								.12		1.25		.07		7.88
BEATRICE										.90	.50				.40	.45	2.10														.58	4.83	
BELGREEN	R				.11					.23				.33	.51		.81	.30	.11	.05			.21	.41				.04	.01			2.92	
BERRY	R					.85				.07	.11	.19	.95	1.20															.45			3.82	
BEKAR 2 MILES SE	R				.12					.43		.02	.16	.08			.40	.16		.18								.28	.03	.48			2.35
BILLINGSLEY																																	5.81
BIRMINGHAM WB APT	Z							1.53		.37	.15	T		.08	.94		.78			.01			.01		T		.47	.35			.66		8.55
BIRMINGHAM WB CITY										.24	.37	.08		.01	1.50	.30		2.66		.08		T							.12	.10			5.87
BISHOP								.43		.10				.58	.39	.32	.03	.26	1.35	.10						.98			.34				4.45
BOAZ	Z									T	.94	2.25	T	T	.11	.03		1.05			.08				.10	.29			T	2.00	.49	T	7.34
BRANTLY										1.85	1.61			.74	1.62	.24	.19														.53	.06	8.84
BREWTON 3 MILES SSE	1.07							.15	.49	2.35	.65			.27	1.80			.10			.40					.21	.45	.31	.10	.20	.51		9.06
BRIDGEPORT										.19	.78	.16	.01	.12	.36	T	.64				.29				.03	.02				.31	.01		4.01
BRUNDIDGE	1.11		.12							.07	2.58	T	T	.18	.20	.72	.87				.12			.78		T	.74		.48	.78	.24		8.99
CALERA									.23	1.73	1.08	.13	T		.90	.57		2.67			.21					.38	.21		.05	.04	.11		9.45
CAMPBELL	R	-				.51				.38	.08	.62	.31		.22		1.80	.04															
CARBON HILL										.05	.17				.23	.42		.40												.25	.25		3.07
CENTER GROVE										.53	1.15	T		.88	.19	T	.32							.17	.45			.20	T	2.05	.17	T	6.11
CENTERVILLE							.20			.97	.27	.30			1.48	.78		.16								.48				.24		.04	4.90
CHILDERSBURG						.44				.33	1.69	.12	.38	.10	1.07	.14	.15	.24			.49												5.15
CITRONELLE		.39	.34			.51				.28	.40	.04			.80	.19																.19	3.99
CLANTON						.05	.01			.27	2.19	.27	T	T	.61	.45	.19	.42			.02	.12							.74	.17	.83		6.14
CLAYTON			.22							4.08	1.18	1.10	.48	.65	.26	.31	.05	.52						.80								.05	10.72
COFFEE SPRINGS		.65							.36	2.05	2.03		.50	.20	.87		.34						1.10			.20		.21		.30	.10		8.81
COLLINSVILLE		.03								.08	.71	1.18		.72	.28	.02		.30		.02				.17				.41	.38				4.29
COLUMBIA	.05									1.03	7.85	1.88	.33	.64	1.42	.72	T			T	.25		1.82	.23		.22			.18	.24	2.81	.37	19.92
CORDOVA										.46	.18	1.40			2.10	.29														1.05	.50		5.98
CORDOVA										.43	.03			T	.14		.70				.41	.08							.28	1.12			5.56
CUBA		.88				.50	.24			1.41	5.96	.09		.01	.43				.28	.03	.08		.04		.60	.48				.05	.02		10.36
DADEVILLE		.44				.50																											
DADEVILLE NO 2	R	.03			.28	.11			1.11	1.49	3.36	.01		.02	.46	.03		.48										.93			.03	-	-
DANCY										.02	.03	.88			.21	.80					1.10				.32				.33				
DAYTON									.20	.22	.08		.47	.62	.20	.61	.22	.39	.10	.19				1.04	.09				.98	.48		.10	3.59
DECATUR										.04	.53	.35	.27	1.82	.18		.51	T							.09				.78	.55	.02		5.29
DEMOPOLIS		.02								.16	.06			.03	.13	1.00				T		.10	.65				.10		.19		.05		2.48
DOTHAN CAA AIRPORT	Z	T	.74						.01	8.73	.71	T	1.83	.46	.01	.09			.48							.18			.18	.64	.84	.03	12.73

ALABAMA  
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SEE REFERENCE NOTES FOLLOWING STATION INDEX



# TABLE 4

## HOURLY PRECIPITATION

ALABAMA

JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
	-1st-																									
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DADEVILLE NO 2						.01	.01					.01														.03
LOCK NO 1						.03																				.03
MOBILE WB AIRPORT 6														*	*	*	*	*	1.73							1.73
MOBILE WB CITY	.01																									.01
NEW BROCKTON																.05	.01									.06
RIVER FALLS 2 MILES NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-2d-																									
ABBEVILLE																	.17	.01								.16
AUBURN 4 MILES N																.02	.70									.72
DOTHAN CAA AIRPORT														.61	.07		.01									.69
MIDWAY																.02	.02	.01								.05
MOBILE WB AIRPORT 6														*	*	*	*	*	.01							.01
NEW BROCKTON																			.08							.08
	-4th-																									
ANNISTON WB AIRPORT 6																				*	*	*	*	.49	.49	
	-5th-																									
ADDISON																		.19								.19
ASHLAND																		.11				.90	.06			.96
BELGREEN																										.11
BERRY														*	*	*	*	*		*	*	*	*	*	*	*
BEKAR 2 MILES SE																			.09	*	*	*	*	*	*	*
DADEVILLE NO 2																					.02		.01			.12
DADEVILLE NO 2																					.04	.10	.10	.04		.26
MOBILE WB CITY																										.07
TUSCALOOSA AIRPORT 6														*	*	*	*	*	.11							.11
UNIVERSITY																.22										.22
	-6th-																									
ANNISTON WB AIRPORT 6	*	*	*	*	*	*	.92																			.92
ASHLAND	.09	.04	.05	.03	.04		.05																			.30
ATMORE STATE FARM																	.73	.02								.75
BERRY	*	*	*	*	*		.65																			.65
BIRMINGHAM WB AIRPORT																.39										.39
DADEVILLE NO 2	.09	.01					.01																			.11
HALEYVILLE			.22	.01	.01		.01																			.25
LAY DAM	.12		.04	.06	.01	.01																				.26
MAGNOLIA																		.01	.01	.01						.03
MOBILE WB AIRPORT 6														*	*	*	*	*	.62							.62
PETERMAN															.20											.20
RIVER FALLS 2 MILES NE	-	-	-	-	-	-	-	-	-	-	-	-	-	.11	.01	.01	.01	.01								-
THORSEY 1 MILE 6W					.01	.01	.02																			.04
	-7th-																									
ATMORE STATE FARM																	.60									.60
MARION 1 MILE SSE																								.60	.60	
MOBILE WB AIRPORT 6														*	*	*	*	*	.02							.02
MOBILE WB CITY														*	*	*	*	*	.31	.27						.56
MONTGOMERY WB AIRPORT 6														*	*	*	*	*	.07							.07
	-8th-																									
ABBEVILLE												.12														.12
ASHLAND														.36	.04											.42
ATMORE STATE FARM																				.03		.01	.06			.10
BIRMINGHAM WB AIRPORT																1.46	.02	.02	.02	.01						1.53
DADEVILLE NO 2																			.65	.40	.05	.01				1.11
KUTAW LOCK NO 7																.70	.35			.01						1.06
PORT MORGAN																						.01	.01			.02
GREENVILLE NO 2																			.02	.03	.01	.01		.02		.09
LAY DAM																			.04	.01	.01					4.72
LOCK NO 1					.03	.02										1.12	3.27	.16	.11	.04	.01	.01				.05
MARION 1 MILE SSE																										.41
MOBILE WB AIRPORT 6	*	*	*	*	*	*	.01											.12	.29							.01
MOBILE WB CITY											.01												.02			.03
MONTGOMERY WB CITY																			.10	.01						.11
RIVER FALLS 2 MILES NE																						.01	.07			.06
TROY																.03	*	*	*	*						.03
TUSCALOOSA AIRPORT 6																	*	*	*	.38	.01	.01				.36
UNIVERSITY																	.84	.23	.01							1.10
	-9th-																									
ABBEVILLE					.03	.16	.27	.56	.09	.19	.06	.14	.11	.41	.55	.75	.84	.61	.19	.04	.20	1.50	.11	.15	7.00	
ADDISON														.13	.02										.15	
ANNISTON WB AIRPORT 6														*	*	*	*	*	.22	*	*	*	*	*	.97	
ASHLAND																									.97	
ATMORE STATE FARM	.12	.25	.33	.24	.10	.74	.75	.06	.01				.02	.03	.05	.05	.20	.25	.25	.16	.16	.16	.32	.34	.31	2.45
AUBURN 4 MILES N																			.02	.02						2.64
BELGREEN														.20	.03	.05	.03	.37	.69	.91	.37	.30	.69	.75	.54	5.34
BEKAR 2 MILES SE														.29	.03	.01										.23
BIRMINGHAM WB AIRPORT														.01			.01									.43
BOAZ														.01	.04						.01					.37
CAMPBELL																									.17	
DADEVILLE NO 2						.04	.02						.02	.04	.06	.02	.02	.06	.05	.25	.06	.02	.01			.39
DOTHAN CAA AIRPORT		.04	.04	.07	.24	.45	.10	.21	.29	.15	.67	.22	.65	.36	.17	.31	.26	.16	.01	1.18						1.49
KUTAW LOCK NO 7																									6.73	
PORT MORGAN																			.01	.01						.06
PORT PAYNE		.01																				.01	.03			.21
GARDEN CITY																			.01	.01	.01	.01				.04
GREENVILLE NO 2		.01	.01	.03	.06	.15	.20	.25	.25	.45	.36	.65	.12	.09	.31	.10									.06	
HALEYVILLE													.05	.01	.02	.12									3.77	
JACKSONVILLE													.01	.03	.02	.04	.01	.03	.12	.19	.01	.01	.01	.05	.07	.22
LAY DAM													.01	.03	.02	.04	.01	.03	.12	.19	.08	.06	.04	.06	.05	.84
MAGNOLIA																					.05	.10	.01	.02		.18

# TABLE 4

## HOURLY PRECIPITATION

ALABAMA  
JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MARION 1 MILE SSE																			.02	.01		.01	.01	.02	.27
MIDWAY						.04	.33	.19	.12	.10	.11	.19	.11	.21	.24	.35	.44	.05	.02	.54	.85	.77	.24	.01	4.91
MOBILE WB CITY					.01		.02	.07					.79	*	*	*	*	*	1.89	*	*	*	*	*	.06
MONTGOMERY WB AIRPORT 6	*	*	*	*	*	*	.02	*	*	*	*	*	.79	*	*	*	*	*	1.89	*	*	*	*	*	3.24
MONTGOMERY WB CITY							.02	.07	.12	.08	.06	.11	.22	.15	.43	.42	.32	.10	.60	.26	.21	.16	.02	.54	3.35
NEW BROCKTON	.05	.03	.02	.07	.43	.63	.21	.40	.11	.60	.05	.14	.33	.02	.06	.02	.01	.01							3.19
PETERMAN	.01	.02	.11	.05	.10	.16	.11	.15	.11	.23	.20	.13	.11	.09	.02	.04	.01								1.69
PLEASANT BILL				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.93				.01	.03	1.93
RIVER FALLS 2 MILES NE	.25	.09	.05	.15	.22	.21	.40	.10	.60	.19	.18	.24	.01			.01	.01							2.71	
THORSBY 1 MILE SW							.03			.01	.02	.04	.03	.02	.04	.03	.11	.30	.22	.02	.11	.24	.01	.10	1.33
TRAFFORD		.02	.02									.03		.06	.12	.04	.03		.07	.03				.42	
TROY		.02	.01		.02	.22	.17	.21	.17	.28	.25	.21	.66	.48	.36	.12	.07	.01	.11	.01	*	*	*	3.38	
TUSCALOOSA AIRPORT 6													*	*	*	*	*	*	.05	*	*	*	.01	.06	
-10th-																									
ABBEVILLE	1.30	.08					.03																	1.41	
ADDISON						.05	.18	.02																.25	
ANNISTON WB AIRPORT 6	*	*	*	*	*	*	.68	*	*	*	*	*	.50	*	*	*	*	*	.03	*	*	*	*	.02	1.23
ASHLAND	.30	.15	.16	.08	.34	.18	.25	.12	.06								.03							1.68	
AUBURN 4 MILES N	.48	.06		.03	.05	.04	.02	.02	.09	.24	.28	.02									.21			1.54	
BERRY																.06	.01							.07	
BIRMINGHAM WB AIRPORT	.06	.01		.01	.01	.03	.01			.01					.01	.01								.15	
BOAZ	.06	.03	.04	.05	.11	.21	.04	.03	.01	.08	.23	.40	.58	.45	.03	.01					.01	.12	.15	.03	2.67
CAMPBELL									.01				.03	.02										.06	
DADEVILLE NO 2	.57	1.80	.14	.26	.18	.06	.14	.08	.06	.04	.01	.02												.06	
DOTHAN CAA AIRPORT	.02					.28	.29		.01	.03														3.36	
EUTAW LOCK NO 7	.04	.01	.02		.01	.01	.03																	.63	
FLAT ROCK		.05		.01	.01	.05	.05	.10	.10	.20	.01	.02	.17	.09	.09	.02	.07	.03	.14	.06				.12	
FORT MORGAN																1.22	.09							1.27	
FORT PAYNE									.06	.14	.16	.07	.05	.06	.02	.04	.06	.02	.02				.01	.04	1.31
GARDEN CITY	.01	.04	.13	.09	.07			.05							.09	.18								.75	
GREENVILLE NO 2	.03																							.66	
GUNTERSVILLE REC	.02		.08	.09	.04	.12	.14	.14	.05	.02			.15	.15	.21	.07	.44							.03	
HALEYVILLE									.01										.02	.01	.01	.01	*	*	1.72
HUNTSVILLE 6X							*	*	*	*	*	*	.67	*	*	*	*	*	.39	*	*	*	*	*	.06
JACKSONVILLE	//	.08	.08	.10	.12	.20	.12	.03	.05	.30	.30	.24	.26	.40	.14	.31	.62	.02	.01					3.36	
LAY DAM		.10	.15	.04	.06	.01	.07	.02	.02	.01	.04			.02	.01	.01			.02	.01	.02	.01		.62	
MAGNOLIA			.02	.01	.01				.01		.10						.02	.01	.01		.04	.05	.06	.01	.11
MARION 1 MILE SSE	.01	.01	.01	.05	.03												.02	.01						.35	
MIDWAY					.01	.04										.20	*	*	.60	.04	.01			.90	
MOBILE WB AIRPORT 6	*	*	*	*	*	*	.10	*	*	*	*	*	.02	*	*	*	*	*	.01					.01	
MONTGOMERY WB AIRPORT 6																								.12	
MONTGOMERY WB CITY	.01	.02	.04	.01	*	.01	.10	*	*	.01	.01	.01	.02	*	*	*	*	*						.12	
MOULTON	//									.02			.07	.02	*	*	*	*						.18	
MUSCLE SHOALS																			.04					.04	
PAINT ROCK						.01	.04	.05	.11	.07	.03	.11	.09	*	.02	.04	*	*	.04	.06				.67	
RIVER FALLS 2 MILES NE			.03																					.03	
THORSBY 1 MILE SW	.18	.03	.08	.01	.03	.03	.02	.01	.01	.22	.10	.01	.01		.01	.07			.04					.54	
TONEY	//								.08								.03	.03	.04		.02		.02	.49	
TRAFFORD																									
TROY																		.22	.24	.01	.01	.01		.49	
TUSCALOOSA AIRPORT 6	*	*	*	*	*	*	.03	*	*	*	*	*	.01											.04	
UNIVERSITY																.06		.01						.07	
-11th-																									
ABBEVILLE										.09	.10			.06	*	*	*	*	.12	*	*	*	*	2.16	.25
ANNISTON WB AIRPORT 6	//	*	*	*	*	*	.26							*	*	*	*	*						2.54	
ASHLAND	.01	.02	.07		.02	.01																		.13	
BERRY																			.01	.09		.01		.11	
BEKAR 2 MILES SE																								.02	
BOAZ	.01			.02	.01																.02			.04	
CAMPBELL																.54	.03	.05						.62	
DADEVILLE NO 2												.01												.01	
EUTAW LOCK NO 7																	.16	.02	.01		.06			.25	
FLAT ROCK		.04	.09	.05													.05							.01	
FORT MORGAN	//												.20											.23	
FORT PAYNE		.04	.04																					.20	
GUNTERSVILLE REC		.09	.10	.09			.02	*	*	*	*	*	.01											.06	
HUNTSVILLE 6X	//	.19	*	*	*	*	.05	*	*	*	*	*	.01											.30	
JACKSONVILLE	//						.01	.03						.02										.06	
LOCK NO 1	//																	.35	.01					.36	
MAGNOLIA		.01	.01																					.02	
MARION 1 MILE SSE																.26	.24	.84	.05	.01	.06			1.46	
MIDWAY																.81	.99	.01						1.81	
MOBILE WB AIRPORT 6													*	*	*	*	*	*	.39					.39	
MOBILE WB CITY																			.06					.06	
MONTGOMERY WB CITY																					.03			.03	
PAINT ROCK		.03																						.03	
TONEY	//		.06	.01																				.07	
TUSCALOOSA AIRPORT 6													</												



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SEE REFERENCE NOTES FOLLOWING STATION INDEX

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SEE REFERENCE NOTES FOLLOWING STATION INDEX

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# TABLE 4

## HOURLY PRECIPITATION

ALABAMA  
JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ARION 1 MILE SSE OBILE WB AIRPORT 6 OBILE WB CITY USCLE SHOALS AINT ROCK HORSBY 1 MILE SW ONEY //	.	.	.	.	.	.	.14			.02			.86 .	.03 .	.02	.01 .	.01 .	.	.61						.91 .61 .02 .14 .03 .26 .03

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
JULY 1948

TABLE 5  
DAILY TEMPERATURES (°FAHRENHEIT)

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE	MAX MIN	89 88	91 71	93 68	98 69	100 69	98 67	98 68	91 65	81 69	71 64	87 68	87 88	83 69	87 70	90 69	91 69	85 68	89 89	89 68	93 70	90 72	95 73	89 78	85 68	87 60	91 83	88 68	82 70	83 67	91 67	89 89	89.1 68.8
ALEXANDER CITY	MAX MIN	88 68	91 67	93 73	92 68	96 67	92 72	93 70	95 71	76 69	74 68	90 70	85 68	95 70	96 69	92 71	91 70	90 68	89 77	90 73	91 71	92 70	94 71	93 67	85 68	90 65	92 70	90 74	88 69	89 74	90 71	89 89	90.0 69.1
ANDALUSIA	MAX MIN								95 68	80 70	88 69	91 88	86 72	92 72	93 71	92 72	93 72	93 73	95 76	94 74	94 74	94 74	94 74	95 69	95 68	92 94	90 70	88 71	88 71	88 71	88 71	90 88	91.1 71.1
ANNISTON	MAX MIN	93 66	94 66	96 69	100 69	100 66	93 67	93 69	90 69	77 66	75 67	87 72	90 71	84 71	87 71	93 69	90 72	91 72	94 72	92 73	93 71	92 72	93 73	92 72	89 63	90 65	93 65	92 72	87 69	93 70	90 71	92 71	90.0 69.0
ANNISTON WB AIRPORT	MAX MIN	91 85	93 64	95 68	98 69	99 65	93 66	97 69	88 69	78 86	74 86	86 70	89 69	84 70	87 69	90 71	91 69	91 69	93 71	91 69	92 70	91 72	93 71	90 72	88 65	89 63	93 63	92 71	87 88	90 68	89 89	91 69	90.0 68.2
ATMORE STATE FARM	MAX MIN	93 66	93 72	94 70	95 71	96 73	97 70	95 69	90 74	84 71	91 70	91 73	90 73	94 72	93 75	92 74	91 75	92 75	95 72	95 74	96 74	96 77	98 78	100 77	97 77	95 71	95 89	91 71	88 73	90 71	90 71	93 71	93.1 72.5
AUBURN	MAX MIN	89 67	91 68	90 69	92 65	96 69	95 87	94 89	96 84	93 73	70 66	80 70	88 69	86 69	85 69	89 70	89 70	87 71	90 70	90 89	92 71	93 72	93 71	86 65	89 67	91 69	90 71	88 69	90 70	88 70	88 70	87 69	89.3 69.0
BAY MINETTE	MAX MIN	92 65	94 67	92 67	92 71	94 73	94 68	93 68	88 70	86 71	88 70	90 70	88 71	91 74	92 72	93 72	90 72	92 72	95 71	94 72	93 71	94 72	96 75	98 77	94 75	90 72	93 70	85 70	87 70	89 71	92 67	92 70	91.6 70.8
BIRMINGHAM WB APT	MAX MIN	91 67	94 69	94 70	97 69	100 69	98 73	99 69	94 67	80 67	76 67	90 70	86 71	87 73	93 71	92 72	91 70	93 72	93 73	94 74	94 73	94 74	94 74	94 72	89 68	93 64	93 87	92 71	86 70	90 71	89 70	90 70	91.4 70.5
BIRMINGHAM WB CITY	MAX MIN	91 68	93 69	97 72	97 72	98 73	102 73	99 71	100 74	95 71	82 67	87 69	89 70	90 72	87 74	87 70	94 71	94 71	91 70	95 73	94 73	94 74	95 76	95 76	95 72	92 86	94 70	94 74	93 73	90 70	91 72	92 72	93.1 71.5
BREWTON 3 MILES SSE	MAX MIN	94 65	93 64	93 66	95 87	96 68	98 83	95 66	90 70	84 70	90 70	91 70	89 73	93 73	92 70	93 70	96 73	93 70	95 71	97 72	96 75	99 76	99 72	96 67	91 65	95 68	92 86	91 86	88 71	88 70	90 71	92 69	92.8 59.2
CENTERVILLE	MAX MIN	97 87	97 67	98 69	101 72	103 79	100 71	100 72	98 71	81 70	81 70	92 69	90 70	83 71	91 70	93 71	94 71	95 70	98 75	95 74	97 74	98 72	96 75	98 76	89 70	95 71	95 70	94 78	90 75	92 70	94 70	95 73	94.1 71.8
CITRONELLE	MAX MIN	89 68	91 72	89 70	91 73	92 71	92 69	92 73	89 69	86 72	90 70	89 70	89 72	90 71	93 72	92 71	88 74	94 73	91 74	91 74	91 74	94 76	94 76	97 74	91 78	90 73	94 78	88 73	83 72	88 72	92 69	94 72	90.7 72.4
CLANTON	MAX MIN	92 68	95 69	92 70	98 67	99 69	96 70	102 70	97 71	74 68	75 70	89 70	89 70	83 73	86 72	84 71	93 71	91 70	93 72	91 70	94 71	95 73	95 75	96 73	90 67	92 70	94 73	90 70	90 71	88 73	84 70	90 70	90.9 70.6
CORDOVA	MAX MIN	90 65	92 67	98 70	98 68	100 68	98 68	101 65	100 68	86 70	87 68	86 70	91 71	87 70	91 70	95 73	95 70	93 70	95 71	96 72	93 71	96 72	97 73	92 69	92 72	92 70	90 68	92 70	92 68	92 70	97 70	93 69	93.4 69.8
DAYTON	MAX MIN	98 63	97 70	97 71	98 69	103 72	99 71	101 70	98 73	88 71	83 69	94 73	92 70	92 71	95 72	93 71	94 71	91 71	95 72	93 73	94 74	99 71	96 75	98 75	86 74	94 72	94 69	93 72	84 72	91 71	93 70	93 72	94.0 71.3
DECATUR	MAX MIN	86 70	89 64	95 72	94 73	99 74	97 72	98 74	96 70	90 79	84 70	87 72	83 70	88 71	93 72	86 71	90 70	91 70	93 73	86 70	90 73	93 75	95 76	90 71	86 63	92 66	87 66	87 71	88 72	87 69	92 74	89 74	90.2 71.1
DOTHAN CAA AIRPORT	MAX MIN	98 71	92 69	93 69	97 67	98 72	98 72	98 72	91 73	77 70	82 70	89 71	83 71	94 72	93 72	92 74	95 73	95 73	98 72	93 75	95 74	95 76	94 75	98 73	96 71	93 69	95 70	94 72	89 71	87 71	88 70	90 71	92.5 71.6
EUFULA	MAX MIN	91 70	92 69	93 70	98 66	98 71	96 72	98 74	91 71	85 82	82 77	87 82	85 90	88 72	90 74	92 72	94 73	90 74	94 73	90 74	94 78	95 73	97 78	95 72	90 70	96 93	93 78	92 73	89 74	85 72	88 71	89 72	91.1 72.0
EVERGREEN	MAX MIN	96 71	94 70	93 72	95 71	96 74	95 72	95 68	93 71	75 73	88 69	91 70	89 72	91 71	92 75		90 72	91 71	95 72	94 72	98 72	95 75	94 75	96 75	95 67	94 67	95 88	91 72	88 69	90 70	92 73	92 70	92.3 71.4
FAIRHOPE	MAX MIN	91 67	92 73	92 69	92 72	91 72	92 70	93 73	89 70	89 73	91 72	91 70	88 71	91 74	92 77	93 78	93 75	94 73	93 74	90 73	90 74	93 75	95 79	97 79	98 74	93 71	92 70	86 75	88 74	88 73	93 71	92 71	91.7 73.0
FAYETTE	MAX MIN	93 84	96 62	98 69	98 65	104 68	96 68	97 68	100 65	90 68	83 71	95 70	89 69	83 70	87 70	95 71	95 70	94 70	95 70	92 69	96 70	94 71	95 70	95 68	90 71	98 62	92 63	89 71	93 70	94 69	95 68	90 70	93.5 68.4
GADSDEN	MAX MIN	90 65	92 60	93 65	98 88	99 66	99 71	92 68	82 87	72 88	72 66	88 70	90 71	85 72	93 71	90 70	92 70	93 70	90 70	92 70	92 70	95 71	94 72	95 69	92 69	92 69	87 58	88 59	92 72	86 71	90 68	92 74	91.0 68.4
GENEVA	MAX MIN	97 69	98 88	96 65	100 67	99 70	99 70	100 71	90 72	84 70	86 71	89 72	88 70	92 70	93 73	93 70	94 71	95 72	96 71	94 72	96 74	95 74	96 74	98 72	96 67	93 68	95 72	92 71	90 71	86 71	90 72	91 70	93.5 70.7
GOODWATER	MAX MIN	89 70	91 68	90 71	94 67	95 64	88 70	93 87	90 73	74 70	72 87	86 70	87 71	82 70	87 71	83 70	88 72	87 73	88 71	88 73	88 70	90 91	91 73	87 74	86 71	85 66	89 72	86 70	87 72	85 71	89 70	87.5 70.3	
GREENSBORO	MAX MIN	94 67	96 73	97 73	97 67	102 74	99 74	101 71	97 75	84 73	80 69	95 69	87 71	85 73	90 72	90 72	95 72	90 73	90 72	94 73	90 74	95 73	95 75	95 76	95 74	95 75	89 71	93 71	98 74	88 73	92 72	93 73	93.0 72.4
GREENVILLE	MAX MIN	92 69	94 71	93 70	95 87	97 72	95 89	96 73	82 72	82 70	89 70	90 72	91 70	91 72	92 71	89 72	91 73	93 74	94 73	9													



TABLE 5  
DAILY TEMPERATURES (° FAHRENHEIT)

ALABAMA  
JULY 1948

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MILBURY	MAX MIN	94 68	96 66	92 69	93 66	96 67	95 70	97 70	95 70	89 70	92 71	94 68	89 67	94 68	96 72	94 70	92 89	93 68	94 70	95 69	95 70	96 72	98 70	100 68	94 72	93 69	94 69	93 69	87 70	92 69	95 70	95 69	93.9 69.2
MOBILE WB AIRPORT	MAX MIN	91 67	93 72	90 69	92 73	92 74	93 68	92 69	90 74	90 73	91 73	91 70	87 73	90 73	93 76	92 73	91 75	93 74	95 74	88 74	91 74	94 76	96 76	96 76	96 73	90 72	91 69	87 72	83 72	88 72	93 71	95 71	91.4 72.5
MOBILE WB CITY	MAX MIN	90 69	94 74	93 74	95 77	94 75	93 74	94 72	90 74	90 70	90 75	88 74	86 75	89 76	94 78	91 77	92 76	94 76	95 75	89 78	94 79	95 79	94 79	96 79	97 79	92 75	90 72	88 76	87 76	87 75	93 73	95 74	91.9 75.5
MONTGOMERY WB APT	MAX MIN	93 71	96 72	94 71	97 70	97 74	95 74	98 72	94 74	77 70	81 70	90 72	88 72	88 72	92 71	86 73	91 73	92 72	93 75	92 75	95 74	95 77	95 77	96 75	88 75	94 72	94 71	94 73	86 72	90 72	91 72	93 73	91.8 72.8
MONTGOMERY WB CITY	MAX MIN	92 72	94 73	92 74	96 73	97 77	96 75	98 76	94 73	76 70	81 70	90 72	86 72	87 72	92 73	87 74	91 73	92 75	92 75	93 76	94 76	95 77	95 78	97 76	97 74	88 72	94 71	93 74	84 73	88 72	88 73	92 72	91.2 73.5
MUSCLE SHOALS	MAX MIN	88 68	94 64	95 70	98 72	101 73	99 71	103 69	96 72	85 71	78 70	90 70	92 73	87 72	88 73	96 73	95 70	92 68	92 72	94 72	97 72	93 76	95 76	90 69	84 66	88 62	94 66	87 69	86 71	90 69	96 72	88 71	92.0 70.3
NABARK	MAX MIN	95 70	95 69	94 69	98 68	98 70	98 68	100 70	89 72	85 70	87 71	92 72	85 70	90 71	90 72	91 76	92 74	92 72	93 74	93 73	94 74	93 72	95 75	95 74	95 73	95 74	90 70	92 71	93 71	88 71	86 73	88 70	92.0 71.4
NATTVILLE	MAX MIN	92 70	95 71	94 71	97 66	97 71	95 73	99 70	96 73	76 70	79 69	90 70	89 72	87 71	92 71	87 72	93 72	92 73	93 73	92 72	95 72	95 74	96 75	97 73	88 74	94 70	94 70	88 71	90 71	87 72	90 71	91.7 71.5	
NASHMATAHA	MAX MIN	91 68	93 67	94 68	93 68	97 69	95 70	97 69	95 70	88 72	88 72	93 69	88 71	91 72	95 74	92 76	90 71	86 72	92 73	91 72	91 73	97 76	97 74	100 71	93 72	94 71	95 72	89 73	89 73	92 71	96 73	93 70	92.7 71.4
NEBERTSDALE	MAX MIN	93 66	93 70	91 68	93 70	91 70	91 70	87 68	89 72	89 72	89 72	85 69	89 71	90 72	91 74	91 74	93 71	94 71	90 71	90 72	93 72	91 76	97 73	96 76	91 75	90 71	87 68	88 69	87 71	91 70	93 70	90.8 71.1	
NECK MILLS	MAX MIN		98 69	98 65	104 67	100 69	100 70	103 69	99 70	76 65	77 65	90 60	92 69	87 71	90 69	88 70	92 72	94 69	93 70	95 71	97 69	94 71	97 70	98 71	94 69	96 61	97 60	94 60	89 71	95 68	91 67	90.6 69.6	
NEINT BERNARD	MAX MIN	88 72	93 72	90 70	96 66	101 69	98 72	98 69	96 65	85 72	75 65	88 60	92 69	86 71	88 70	92 69	94 71	88 70	92 67	90 71	95 69	93 71	96 70	91 67	86 68	89 60	93 60	91 71	89 71	91 68	93 67	90 69	91.2 68.4
NETTSBORO	MAX MIN	90 65	94 64	96 67	100 68	102 67	100 68	101 69	93 70	83 65	75 65	84 65	89 70	89 72	90 72	93 70	94 72	89 69	94 68	92 73	94 73	97 73	96 75	95 73	88 72	91 69	89 71	85 70	91 71	93 68	85 69	91.8 68.4	
NELMA	MAX MIN	92 68	92 71	92 71	94 67	97 73	93 72	96 70	95 74	76 71	80 68	89 69	87 69	89 70	92 70	87 70	90 70	89 72	90 72	90 70	92 72	93 73	94 75	98 73	88 72	92 69	92 68	93 70	89 69	88 70	89 70	90.5 70.6	
NETLADAGA	MAX MIN	91 68	93 68	93 70	97 67	98 69	92 68	97 69	92 68	77 69	74 69	88 72	90 69	84 71	86 67	89 72	95 66	93 64	90 64	88 68	97 68	96 70	94 76	96 70	94 71	93 68	93 71	90 69	90 69	89 70	90 69	91.2 66.2	
NETMASVILLE	MAX MIN	92 66	95 71	93 69	93 68	98 70	96 72	97 68	95 72	84 71	86 68	93 70	92 70	91 72	93 74	89 72	94 71	89 72	93 71	95 73	96 71	95 75	95 74	99 72	92 75	97 71	98 68	94 70	88 71	93 70	95 67	96 70	93.4 70.8
NETOY	MAX MIN	89 67	91 69	92 70	91 68	94 73	94 72	95 73	96 70	90 72	79 69	86 70	90 72	84 71	88 71	92 72	87 71	89 73	90 73	92 73	92 73	92 75	95 75	95 75	95 72	91 70	91 70	93 70	92 70	86 71	85 71	88 70	90.5 71.3
MUSCALOOSA AIRPORT	MAX MIN	93 69	97 68	97 73	98 66	103 70	99 73	101 70	99 72	85 72	82 68	94 67	92 71	80 71	88 71	93 72	96 71	94 71	95 71	95 72	96 72	97 74	96 73	97 72	88 74	96 67	95 70	91 73	92 72	93 72	95 70	94 72	93.9 70.9
MUSKEGEE	MAX MIN	94 70	94 76	95 69	99 68	95 71	98 69	98 71	95 70	76 67	84 72	91 65	84 71	88 70	90 68	88 70	91 71	91 72	92 71	91 71	95 71	91 71	96 74	96 70	94 66	92 69	94 71	94 70	88 70	89 70	90 70	84 72	91.5 70.2
NETION SPRINGS	MAX MIN	91 71	91 70	94 70	93 69	94 72	94 70	96 71	95 71	91 70	85 70	84 72	87 71	87 71	89 73	89 71	87 72	87 70	91 71	90 73	91 71	91 73	93 75	93 75	86 75	89 70	91 71	91 70	83 71	83 71	86 70	85 70	89.6 71.4
NETIVERSITY	MAX MIN	93 70	96 69	95 73	97 69	102 73	99 73	102 72	98 70	82 70	79 68	92 68	90 71	77 70	87 70	90 71	94 71	91 70	93 71	93 73	96 74	95 75	95 74	97 73	86 68	94 70	95 74	90 73	91 73	91 72	94 71	92 72	92.4 71.4
NETLEY HEAD	MAX MIN	87 81	90 60	92 59	97 65	99 63	95 65	95 64	95 65	78 71	74 67	83 69	87 67	87 66	87 68	91 68	91 71	86 67	90 66	90 67	90 68	93 70	93 70	93 70	90 70	87 70	92 70	90 68	90 63	88 65	90 64	89 66	89.6 66.0
NETUMPKA	MAX MIN	92 70	95 73	91 72	96 68	95 73	96 73	97 72	93 75	76 74	78 70	88 72	88 74	87 72	91 73	87 72	90 73	93 73	91 75	91 74	93 74	93 76	94 77	96 75	90 73	93 71	93 72	92 74	85 73	90 73	91 73	90 72	90.9 72.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TABLE 6

ALABAMA  
JULY 1948

## DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

STATION		DAY OF MONTH																															TOTAL	DEP. U. FA. NON.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP.		.267	.209	.331	.352	.385	.309	.394	.272		.207	.232	.221	.175	.056	.240	.336	.247	.305	.211	.313	.222	.336	.217	.209	.314	.339	.393	.142	.192	.210	7.636	
	WIND		20	7	15	9	19	30	28	44	113	51	20	34	25	35	22	24	9	11	5	9	18	17	22	14	3	6	37	14	12	16	689	
FAIRHOPE	EVAP.	.125	.163	.200	.277	.175	.188	.194	.244	.168	.200	.188	.136	.194	.276	.240	.190	.232	.244	.128	.124	.240	.234	.180	.378	.186	.148	.152	.172	.160	.154	.290	6.160	
	WIND	21	10	15	11	10	7	6	14	82	26	18	9	18	21	20	3	12	13	7	10	31	36	45	48	28	21	7	30	13	19	18	627	

TABLE 7  
DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																															HIGHEST (OR CREST)	DATE	LOWEST
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
CHATTABOOCHEE	40	5.1	4.2	4.9	4.8	4.5	4.1	3.0	4.3	4.8	15.4	21.9	37.2	42.1	42.1	34.3	30.5	25.9	23.4	19.5	16.6	15.8	12.5	11.1	10.9	11.7	10.5	7.8	7.8	8.2	9.4	9.5	42.113+	3.0	
EUFULA	42	8.4	8.0	7.8	7.6	7.2	7.0	6.7	6.8	7.0	22.8	30.8	34.0	40.3	43.2	41.4	36.4	32.4	27.6	24.4	19.9	17.1	15.3	13.6	12.4	13.2	12.8	11.5	11.1	12.8	13.3	13.4	43.214	8.7	
COLUMBIA																																			
CHOCTAWHATCHEE	19	3.4	3.3	3.4	2.3	3.0	2.9	2.6	2.7	3.1	9.7	10.3	10.0	8.8	12.1	11.9	7.6	9.5	9.1	5.4	4.9	5.5	5.3	5.1	4.4	4.3	4.1	4.1	3.8	5.7	5.1	5.4	12.114	2.3	
NEWTON	23	3.6	4.1	4.1	4.1	3.8	3.5	3.3	3.2	5.1	8.4	10.8	12.0	12.6	12.5	13.1	13.9	12.4	11.2	11.0	10.8	9.1	7.7	7.4	8.4	6.1	9.2	5.8	5.5	5.8	7.8	8.1	13.818	3.2	
GENEVA																																			
CONECUR	35	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.3	4.8	3.1	4.9	3.0	5.2	4.3	3.1	4.8	3.9	5.3	3.5	4.3	3.6	2.8	4.3	5.1	3.0	5.3	4.1	5.7	5.731	0.0	
RIVER FALLS	17	2.2	2.1	1.8	1.7	1.4	0.8	0.8	1.0	1.5	2.5	2.8	3.0	3.1	3.5	3.6	3.9	4.9	5.0	4.5	4.2	4.7	4.5	3.4	3.1	2.9	3.0	3.1	2.8	3.2	4.2	3.3	5.018	0.8	
BREWTON																																			
COOSA	20	2.2	2.0	2.4	2.0	1.8	1.6	1.6	1.4	1.4	1.4	2.2	3.6	6.5	9.2	7.6	6.1	8.4	8.4	8.2	5.8	4.0	3.2	2.7	2.4	2.3	2.1	2.1	2.0	2.8	3.0	3.0	9.214	1.4	
GADSDEN	17	1.0	1.1	1.0	1.2	0.9	0.7	0.6	0.5	0.4	0.5	1.2	1.5	3.2	6.2	6.9	4.9	5.0	8.2	6.0	5.3	3.5	2.5	1.8	1.9	1.4	1.2	1.0	1.1	1.3	2.0	1.8	8.615	0.4	
LOCK NO 4, LINCOLN	45	5.6	5.8	6.6	8.6	3.4	3.1	3.6	2.8	5.6	8.2	12.3	8.0	5.6	7.5	10.5	10.4	13.0	12.5	12.0	12.7	12.0	9.2	8.4	8.5	5.0	5.1	5.5	6.0	5.8	5.7	5.8	13.017	2.8	
WETUMPKA																																			
TALLAPOOSA	40	4.7	2.2	1.4	0.7	0.1	0.4	0.3	1.9	1.7	7.7	12.1	7.4	5.4	4.1	3.5	5.8	4.9	4.2	2.1	2.7	3.2	4.2	3.1	3.3	3.9	1.9	4.2	9.8	3.7	4.0	3.1	12.111	0.1	
WILSTEAD																																			
CAHABA	23	2.7	2.7	2.6	2.6	2.9	2.5	2.5	2.5	3.9	3.1	3.1	3.0	3.0	4.3	4.3	3.4	8.8	3.8	9.5	3.1	3.0	2.8	2.7	2.7	2.8	2.8	2.5	2.5	4.0	3.0	2.8	6.817	2.5	
CENTERVILLE																																			
ALABAMA	35	4.2	4.5	5.6	3.2	1.8	1.6	1.6	0.8	1.5	3.9	9.8	7.8	6.5	7.0	7.9	8.8	8.4	9.5	8.5	8.0	8.8	7.8	5.0	5.5	4.8	3.9	3.5	5.0	4.8	4.5	9.2	9.611	0.8	
MONTGOMERY	45	5.6	5.7	5.7	5.8	4.5	2.9	2.2	1.8	2.3	2.4	6.9	11.5	10.8	9.2	9.4	10.1	11.2	12.2	12.1	11.1	11.1	11.0	9.9	7.8	7.0	5.6								
SELMA	40	7.5	8.7	9.0	8.8	8.6	7.8	8.4	5.5	5.1	5.7	9.5	10.8	14.3	14.2	14.3	14.9	14.6	15.1	16.0	15.9	14.9	14.7	14.3	13.2	11.4	10.4	9.2	8.1	8.0	8.8	9.2	16.019	9.1	
MILLER'S FERRY																																			
BLACK WARRIOR	47	11.7	11.9	11.6	11.6	11.8	11.6	11.7	11.4	11.7	11.7	11.7	11.9	11.6	12.5	13.9	13.8	19.0	12.8	12.5	12.3	12.1	12.0	12.0	11.7	11.5	11.5	11.6	12.2	13.4	13.7	12.5	13.915+	11.4	
TUSCALOOSA LOCK & DAM																																			
TOMBIGBEE	36	2.6	2.3	2.2	2.3	2.2	2.2	1.8	1.8	1.7	1.8	1.8	1.7	1.7	1.7	2.4	2.2	2.8	3.4	3.8	9.8	4.2	5.3	4.3	3.5	2.9	2.5	2.4	2.4	2.9	3.0	3.6	5.322	1.01	
GAINESVILLE	38	9.8	10.1	10.0	9.9	8.8	8.7	8.7	8.7	9.8	8.5	9.5	9.5	9.8	9.9	11.0	11.8	11.7	11.4	11.6	11.9	11.3	11.3	11.8	11.0	10.5	10.1	9.9	9.9	9.8	10.9	10.9	11.918	9.51	
DEMOPOLIS, LOCK NO 4	33	10.1	10.1	10.1	8.9	8.7	8.7	9.7	9.6	8.5	9.5	9.5	8.4	8.4	9.9	11.1	12.3	12.2	11.9	12.0	12.0	12.0	11.8	12.1	11.4	10.8	10.3	10.0	9.9	8.8	11.1	11.3	12.316	9.41	
LOCK NO 3	49	11.6	11.6	11.5	11.5	11.3	11.2	11.2	11.9	11.3	11.3	11.3	11.2	11.3	11.4	12.1	13.5	13.7	13.0	13.0	13.2	13.1	12.9	13.1	12.9	12.2	11.5	11.1	11.4	11.8	12.5	12.8	13.717	11.12	
LOCK NO 2	31	9.5	9.7	8.5	9.4	9.4	9.6	8.8	10.0	10.1	9.9	10.0	9.7	8.7	10.0	10.2	10.9	12.0	11.8	11.3	11.3	11.4	11.3	11.3	11.1	10.8	10.2	10.1	8.4	8.5	10.1	10.3	12.017	9.4	
LOCK NO 1																																			
TENNESSEE	18	11.9	12.4	12.5	12.2	12.2	11.7	11.9	11.8	12.1	12.3	12.0	11.9	11.8	12.3	12.2	12.3	12.7	12.2	12.2	12.4	12.6	12.5	12.8	12.3	11.6	11.7	11.9	12.2	12.0	12.5	12.6	12.823	11.62	
FLORENCE																																			

Readings are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA  
JULY 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT. /	O LONG. /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
BREVILLE	0008	HENRY	CHATTAHOOCHEE	31 34	85 15		C		MID		5		J. P. MITCHELL	2 3 4
DDISON	0063	WINSTON	BLACK WARRIOR	34 13	87 10		C		MID		8		PALMER GODSEY	2 3 4
DDISON CENTRAL TOWER	0071	LAWRENCE	BLACK WARRIOR	34 25	87 19	1500	C		7A		8		U. S. F. S.	
LBERTA	0140	WILCOX	ALABAMA	32 14	87 25		C		8A		8		SIDNEY J. HARDY, SR.	2 3
LBERTVILLE	0148	MARSHALL	TENNESSEE	34 16	86 13	1114	C	6P	6P	23	23		S. H. STRICKLAND	2 3 5
ALEXANDER CITY	0163	TALLAPOOSA	TALLAPOOSA	32 56	85 57	658	C	5P	5P	6	6		F. E. BLACKBURN	2 3 5
LICEVILLE	0178	PICKENS	TOMBIGBEE	33 08	88 10		C		7A		9		HOSIE PHILLIPS	2 3
NDALUSIA	0252	COVINGTON	CONECUH	31 19	86 30	346	C	6P	6P	11	11		WM. M. GARRETT	2 3 5
NNISTON	0267	CALHOUN	COOSA	33 40	85 50	724	C	MID	MID	58	58		U. S. WEATHER BUREAU	2 3 5
NNISTON WB AIRPORT	0272	CALHOUN	COOSA	33 35	85 51		C	MID	MID	2	2		U. S. WEATHER BUREAU	2 3 4 5
RLEY	0338	WINSTON	BLACK WARRIOR	34 04	87 13		C		7A		11		MRS. LESSIE HILLER	2 3
SLAND	0369	CLAY	TALLAPOOSA	33 16	85 50		C		MID		8		HENRY L. MC QUEEN	2 3 4
SEVILLE	0377	ST. CLAIR	COOSA	33 30	86 16	880	C		8A		33		MRS. B. C. BANKS	2 3
THENS	0390	LIMESTONE	TENNESSEE	34 48	86 59	709	C		7A		8		T.V.A. - 62	2 3
THORE STATE FARM	0402	ESCAMBIA	ESCAMBIA	31 10	87 29		C	6P	6P	5	5		ATMORE STATE FARM	2 3 4 5
UBURN	0422	LEE	TALLAPOOSA	32 36	85 30	732	C	8A	8A	57	71	2	MRS. MARTHA I. MOORE	2 3 5 6
UBURN 4 MILES N	0427	LEE	TALLAPOOSA	32 40	85 29		C		MID		5		SCS	2 3 4
UTAUGAVILLE	0440	AUTAUGA	ALABAMA	32 26	86 39		C		8A		8		J. B. NEIGHBORS	2 3
AY MINETTE	0583	BALDWIN	GULF	30 53	87 48	268	C	7P	7P	24	30		GROVER W. WOODWARD	2 3 5
EATRICE	0616	MONROE	ALABAMA	31 44	87 13		C		7A		7		W. P. DUNN	2 3
ELGREEN	0631	FRANKLIN	TENNESSEE	34 28	87 52	910	C		MID		13		TVA-43	2 3 4
ERRY	0748	FAYETTE	BLACK WARRIOR	33 40	87 36		C		MID		8		MISS. CLARA R. OLIVE	2 3 4
EXAR 2 MILES SE	0790	MARION	TOMBIGBEE	34 12	88 09		C		MID		3		WM. H. WHITEHEAD	2 3 4
ILLINGSLEY	0823	AUTAUGA	ALABAMA	32 39	86 43		C				10		MRS. T. L. GALLMAN	2 3
IRMINGHAM WB AIRPORT	0831	JEFFERSON	BLACK WARRIOR	33 34	86 45	610	C	MID	MID	11	11		U. S. WEATHER BUREAU	2 3 4 5
IRMINGHAM WB CITY	0836	JEFFERSON	BLACK WARRIOR	33 32	86 50	694	C	8A	8A	61	61		U. S. WEATHER BUREAU	2 3 5
ISHOP	0854	COLBERT	TENNESSEE	34 39	88 05	470	C		7A		11		TVA-42	2 3
OAZ	957	MARSHALL	BLACK WARRIOR	34 13	86 10		C		7A		8		MILFORD B. DOOLEY	2 3 4
RANTLEY	1069	CRENSHAW	CONECUH	31 35	86 20	284	C		8A		19		R. E. BENDERSON	2 3
REWTON 3 MILES SSE	1084	ESCAMBIA	CONECUH	31 06	87 05	85	C	6P	6A	31	34		MRS. CLARA T. PEABY	2 3 5 7
RIDGEPORT	1099	JACKSON	TENNESSEE	34 58	85 46	660	C		8A		53		N. R. ATKINS	2 3
RUNDIDGE	1178	PIKE	CHOCTAWHATCHEE	31 45	85 49	515	C		8A		19		GEO. L. BICKS	2 3
ALERA	1288	SHELBY	COOSA	33 08	86 36	500	C		8A		49		L & N R. R. AGENT	2 3
AMPBELL	1315	CLARKE	TOMBIGBEE	31 55	87 59		C		MID		8		E. DOUGLES REID	2 3 4
ARBON HILL	1377	WALKER	BLACK WARRIOR	33 54	87 32	430	C		7A		10		MISS. MARY C. RAY	2 3
ENTER GROVE	1492	MORGAN	TENNESSEE	34 24	86 38	700	C		7A		14		TVA	2 3
ENTERVILLE	1501	BIBB	CAHABA	32 57	87 08	230	C	6P	8A	32	32		W. D. HOLLIFIELD	2 3 5 7
HILDERSBURG	1615	TALLADEGA	COOSA	33 17	88 21	540	C		6A		12		ALABAMA POWER CO.	2 3
ITRONETTE	1685	MOBILE	GULF	31 07	88 12	331	C	6P	6P	60	61		B. O. JONES	2 3 5
LANTON	1694	CHILTON	COOSA	32 52	86 36	590	C	6P	7A	56	56		HUGH M. SIMPSON	2 3 5
LAYTON	1725	BARBOUR	CHOCTAWHATCHEE	31 52	85 27	590	C		8A		21		L. L. REEDER	2 3
OFFEE SPRINGS	1807	GENEVA	CHOCTAWHATCHEE	31 10	85 55	255	C		8A		26		C. B. ADKISON	2 3
OLLINSVILLE	1849	DE KALB	COOSA	34 15	85 52	734	C		7A		11		MRS. S. CUMMINGHAM	2 3
OLUMBIA	1865	HOUSTON	CHATTAHOOCHEE	31 18	85 06	130	C		8A		13		COY THOMPSON	2 3 7
ORDOVA	1940	WALKER	BLACK WARRIOR	33 42	87 10	334	C	6P	6P	28	46		MRS. C. GRISHAM	2 3 5
UBA	2079	SUMTER	TOMBIGBEE	32 26	88 23	215	C		8A		9		REUBEN P. HARRIS	2 3
ADEVILLE	2119	TALLAPOOSA	TALLAPOOSA	32 50	85 45	760	C		8A		38		DR. W. B. FULTON	2 3
ADEVILLE NO 2	2124	TALLAPOOSA	TALLAPOOSA	32 50	85 46		C		MID		8		JAY D. LANE	2 3 4
ANCY	2141	PICKENS	TOMBIGBEE	33 00	88 18	208	C		7P		43		E. F. SMITH	2 3
AYTON	2188	MARENGO	TOMBIGBEE	32 21	87 39		C	6P	6P	1	9		JAMES M. CREWS	2 3 5
ECATUR	2207	MORGAN	TENNESSEE	34 35	86 58	573	C	6P	8A	67	70		MRS. FRED A. TRIMBLE	2 3 5
EMOPOLIS	2240	MARENGO	TOMBIGBEE	32 31	87 52	100	C		7A		59		J. A. ROBERTSON	2 3 7
OTHAN CAA AIRPORT	2372	HOUSTON	CHOCTAWHATCHEE	31 15	85 27	350	C	MID	MID	11	31		CAA	2 3 4 5
LBA	2577	COFFEE	PEA	31 26	86 05	204	C		8A		21			
LBOD	2632	TUSCALOOSA	TOMBIGBEE	33 15	87 48		C		7A		9		K. V. BERRY	2 3
UFAULA	2727	BARBOUR	CHATTAHOOCHEE	31 52	85 08	200	C	6P	8A	65	65		HARRY E. MAUGANS	2 3 5 7
UTAW LOCK NO 7	2742	GREENE	BLACK WARRIOR	32 47	87 50		C		7A		12		E. B. HOLBROOK	2 3 4
VERGREEN	2758	CONECUH	CONECUH	31 26	86 58	340	C	6P	8A	65	65		MRS. JESSIE D. GOLSON	2 3 5
AIRHOPE	2813	BALDWIN	GULF	30 32	87 55	23	C	MID	6P	31	31	31	HAROLD F. YATES	2 3 5 6
ALXVILLE	2840	MORGAN	TENNESSEE	34 22	86 55	620	C		7A		10		TVA-384	2 3
ALLS CITY 6 MILES NW	2848	WINSTON	BLACK WARRIOR	34 04	87 20	650	C		7A		8		USFS	2 3
AYETTE	2883	FAYETTE	TOMBIGBEE	33 41	87 50	359	C	6P	8A	14	23		SAM J. SANDERS, JR.	2 3 5
LAT ROCK	2945	JACKSON	TENNESSEE	34 46	85 41	1380	C		7A		10		TVA-387	2 3 4
LORENCE AT LOCK	2976	LAUDERDALE	TENNESSEE	34 48	87 40	450	C		7A		65		U. S. ENGINEERS	2 3 7
ORT DEPOSIT	3024	LOWNDES	CONECUH	31 59	86 35	520	C				49		WM. H. FREDERICK	
ORT MORGAN	3035	BALDWIN	GULF	30 14	88 01		C		MID		8		WM. H. CHANDLER	2 3 4
ORT PAYNE	3043	DEKALB	COOSA	34 26	85 43	879	C		8A		7		JOHN W. PATE	2 3 4
RISCO CITY	3105	MONROE	ESCAMBIA	31 26	87 24		C		8A		19		MRS. NELLIE MC KENZIE	2 3
ADSSEN	3151	ETOWAH	COOSA	34 01	86 00	554	C	7P	8A	63	65		G. ERNEST HOLCOMB	2 3 5 7
AINESVILLE	3180	SUMTER	TOMBIGBEE	32 49	88 09	130	C		7A		12		FRANK J. FIELDS	2 3 7
GARDEN CITY	3200	CULLMAN	BLACK WARRIOR	34 00	88 44		C		7A		8		MRS. G. MC KENZIE	2 3 4
GENEVA	3255	GENEVA	CHOCTAWHATCHEE	31 02	85 52	107	C	6P	7A	11	24		REBECCA CAMPBELL	2 3 5 7
OODWATER	3399	COOSA	CHOCTAWHATCHEE	33 04	86 03	826	C	6P	8A	56	56		MRS. W. M. SELMAN	2 3 5
ORGAS	3430	WALKER	BLACK WARRIOR	33 40	87 40	300	C		6A		12		ALABAMA POWER CO.	2 3
RRKENSBORO	3511	HALE	BLACK WARRIOR	32 42	87 35	220	C	5P	8A	70	81		MRS. C. POELLNITZ	2 3 5
REENVILLE	3519	BUTLER	CONECUH	31 50	86 41	444	C	6P	8A	67	50		CECILE T. LEWIS	2 3 5
REENVILLE NO 2	3524	BUTLER	CONECUH	31 50	86 38		C		MID		8		CITY WATER PLANT	2 3 4
UNTERSVILLE	3573	MARSHALL	TENNESSEE	34 21	86 17	840	C		8A		48		L. S. LONG	2 3
UNTERSVILLE CTY WTR	3578	MARSHALL	TENNESSEE	34 22	86 17	610	C		MID		8		TVA-403	2 3 4
UNTERSVILLE DAM	3583	MARSHALL	TENNESSEE	34 26	88 24	611	C		7A		13		TVA-70	2 3
LALEYVILLE	3820	WINSTON	BLACK WARRIOR	34 14	87 38	947	C	6P	7A	12	12		ELMER L. SHIPMAN	2 3 4 5
LAMILTON	3644	MARION	TOMBIGBEE	34 08	87 58	498	C		6A		33		REX COOPER	2 3
LARRISBURG 8 MILES SE	3897	PERRY	CAHABA	32 48	87 11	600	C		8A		8		USFS	2 3
LAYNEVILLE	3748	LOWNDES	ALABAMA	32 11	86 35		C		8A		10		MAXINE E. WATSON	2 3
LELENA	3783	SHELBY	CAHABA	33 19	86 52	416	C		8A		36		D. CLIFTON PLESS	2 3
HIGHLAND HOME	3816	CRENSHAW	CONECUH	31 57	86 19	594	C	5P	5P	57	57		LUKE JORDAN	2 3 5
HIGHTOWER	3842	CLEBURNE	TALLAPOOSA	33 32	85 24		C		8A		5		MRS. EARL LINDSEY	2 3



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# STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
BODGES	3899	FRANKLIN	TOMBIGBEE	34 20	87 56		C		6A	11			FRANK L. HAYNES	2 3
HUNTSVILLE	4068	MADISON	TENNESSEE	34 42	86 35	632	C		MID	10	25		U. S. WEATHER BUREAU	2 3 4 5
HYTOP	4099	JACKSON	TENNESSEE	34 54	86 05	1500	C		7A	14			TVA-78	2 3
JACKSON SHOALS	4198	TALLADEGA	COOSA	33 32	86 12	475	C		8A	12			ALABAMA POWER CO.	2 3
JACKSONVILLE	4209	CALHOUN	COOSA	33 49	85 46		C		MID	6			FLOY E. OWEN	2 3 4
JORDAN DAM	4306	ELMORE	COOSA	32 37	86 15	290	C		6A	12			ALABAMA POWER CO.	2 3
LA FAYETTE	4502	CHAMBERS	TALLAPOOSA	32 56	85 25	830	C	6P	6P				J. B. MERRITT	
LAY DAM	4603	COOSA	COOSA	32 58	86 31	420	C		6A	12			ALABAMA POWER CO.	2 3 4
LEEDS	4619	JEFFERSON	CAHABA	33 33	86 33	636	C		8A	32			MRS. MARY K. LEE	2 3
LEESBURG	4627	CHEROKEE	COOSA	34 11	85 46	589	C		7A	56			RUFUS M. SEWELL	2 3
LIVINGSTON	4798	SUMTER	TOMBIGBEE	32 34	88 10	160	C	6P	6P	50	46		PROF. E. J. MURPHY	2 3 5
LOCKHART	4822	COVINGTON	GULF	31 01	86 22	290	C	8A		11	11		H. C. YOUNG	2 3 5
LOCK NO 1	4830	CLARKE	TOMBIGBEE	31 33	88 01	11	C		7A	25			U. S. ENGINEERS	2 3 4 7
LOCK NO 2	4835	CHOCTAW	TOMBIGBEE	32 08	88 02	23	C		7A	25			U. S. ENGINEERS	2 3 7
LOCK NO 3	4840	CHOCTAW	TOMBIGBEE	32 17	88 01	33	C		7A	25			U. S. ENGINEERS	2 3 7
LOCK NO 4	4845	TALLADEGA	COOSA	33 38	86 11	510	C	5P	7A	53	57		U. S. ENGINEERS	2 3 5 7
LOCK NO 17	4855	TUSCALOOSA	BLACK WARRIOR	33 29	87 20	280	C		7A	10			U. S. ENGINEERS	2 3
MADISON	4976	MADISON	TENNESSEE	34 42	86 45	573	C	6P	6P	55	55		HARRY F. CARTER	2 3 5
MAGELLA	4996	JEFFERSON	CAHABA	33 30	86 51	654	C		6A	12			ALABAMA POWER CO.	2 3
MAGNOLIA	5004	MARENGO	ALABAMA	32 08	87 39		C		MID	6			DR. T. B. GAILLARD	2 3 4
MARION 1 MILE SSE	5108	PERRY	CAHABA	32 37	87 18	263	C		8A	57			O. MYRON HOLIFIELD	2 3 4
MARION JUNCTION	5116	DALLAS	CAHABA	32 26	87 14	204	C		8A	11			MRS. MARGARET SMITH	2 3
MARTIN DAM	5140	TALLAPOOSA	TALLAPOOSA	32 40	85 55	340	C		6A	24			ALABAMA POWER CO.	2 3
MAXWELL FIELD	5202	MONTGOMERY	ALABAMA	32 25	86 25	165	C	MID	MID	15	15		U. S. ARMY AIR FORCES	2 3 5
MELVIN	5354	CHOCTAW	TOMBIGBEE	31 56	88 28		C		7A	8			JOHN R. LAND	2 3
MERTZ 3 MILES E	5382	BIBB	CAHABA	32 53	87 20	600	C		8A	8			USFS	2 3
MIDWAY	5397	BULLOCK	CHATTAAHOOCHEE	32 04	85 32		C		MID	8			MATHEW W. HALL	2 3 4
MILLERS FERRY	5417	WILCOX	ALABAMA	32 02	87 25	78	C		8A	18			NORMAN D. WILLIAMS	2 3 7
MILRY	5427	WASHINGTON	TOMBIGBEE	31 38	88 19	362	C	6P	6P	24			MRS. MARDIS BLOUNT	2 3 5
MILSTEAD	5439	MACON	TALLAPOOSA	31 27	85 54	206	C		8A	48			T. C. CARR	2 3 7
MITCHELL DAM	5465	CHILTON	COOSA	32 49	86 26	350	C		6A	12			ALABAMA POWER CO.	2 3
MOBILE WB AIRPORT	5478	MOBILE	GULF	30 41	88 12		C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MOBILE WB CITY	5483	MOBILE	GULF	30 42	88 02	10	C	MID	MID	77	78		U. S. WEATHER BUREAU	2 3 4 5
MONTE SANO	5529	MADISON	TENNESSEE	34 45	86 31	1650	C		7A	9			TVA-530	2 3
MONTVALLO	5537	SHELBY	CAHABA	33 06	86 53	462	C		8A	8			M. P. JETER	2 3
MONTGOMERY WB AIRPORT	5550	MONTGOMERY	ALABAMA	32 18	86 23	202	C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MONTGOMERY WB CITY	5555	MONTGOMERY	ALABAMA	32 23	86 18	201	C	MID	MID	77	77		U. S. WEATHER BUREAU	2 3 4 5 7
MOULTON	5625	LAWRENCE	TENNESSEE	34 29	87 17	630	C		MID	10			TVA-381	2 3 4
MOUNDVILLE	5633	HALE	TOMBIGBEE	32 57	88 27		C						USFS	
MUSCLE SHOALS	5749	COLBERT	TENNESSEE	34 44	87 36	536	C	MID	MID	59	65		CAA	2 3 5
NEW BROCKTON	5842	COFFEE	CHOCTAWHATCHEE	31 23	85 56		C		MID	8			E. EARL BOYETT	2 3 4
NEW MARKET	5862	MADISON	TENNESSEE	34 54	86 26	725	C		7A	6			TVA-624	2 3
NEWTON	5875	DALE	CHOCTAWHATCHEE	31 20	85 37	216	C		10A	33			FURN WYNN	2 3 7
ONEONTA	6121	BLOUNT	BLACK WARRIOR	33 57	86 30	857	C	6P	7A	38	47		L. E. SELLERS	2 3
ORRVILLE	6161	DALLAS	ALABAMA	32 21	87 15	200	C		8A	8			EDWARD B. WARREN	2 3
OZARK	6218	DALE	CHOCTAWHATCHEE	31 25	85 40	400	C	4P	7A	47	59		MRS. MARY E. SCOTT	2 3 5
PAINT ROCK	6226	JACKSON	TENNESSEE	34 40	86 20	610	C		MID	13			TVA-69	2 3 4
PALMERDALE	6246	JEFFERSON	CAHABA	33 44	86 39		C		10A	1			ROBERT P. STORES	
PERRYVILLE	6362	PERRY	CAHABA	32 37	87 08		C		8A	7			MRS. J. MC BRIDE	2 3
PETERMAN	6370	MONROE	ALABAMA	31 35	87 16		C		MID	8			MRS. MINTA EDDINS	2 3 4
PICKENSVILLE	6414	PICKENS	TOMBIGBEE	33 13	88 16		C		7A	8			MRS. DORA I. CLAY	2 3
PINE BILL	6460	WILCOX	ALABAMA	31 39	87 36	110	C		8A	8			AUBREY T. WEATHERLY	2 3
PINE LEVEL	6468	MONTGOMERY	CONECUH	32 04	86 04		C		7A	9			C. W. ADAMS	2 3
PLAISTERSVILLE	6508	DALLAS	ALABAMA	32 39	86 56		C		8A	9			O. W. BURNES	2 3
PLEASANT RILL	6526	DALLAS	ALABAMA	32 09	86 58		C		MID	4			CHARLES M. HENRY	2 3 4
PRATTVILLE	6640	AUTAUGA	ALABAMA	32 30	86 20	281	C	6P	6P	50	47		A. L. POWELL	2 3 5
PRIMROSE FARM	6684	MONTGOMERY	ALABAMA	32 20	86 15	180	C		8A	28			W. E. ELSEBERRY	2 3
PUSHMATAHA	6719	CHOCTAW	TOMBIGBEE	32 12	88 18		C	6P	6P	58	58		MRS. JANIE C. BROWN	2 3 5
REFORM	6847	PICKENS	TOMBIGBEE	33 23	88 01		C		7A	11			W. M. MC DONALD	2 3
RIVER FALLS	6937	COVINGTON	CONECUH	31 21	86 32		C		8A	21			JOHN R. BRADLEY	2 3 7
RIVER FALLS 2 MILES NE	6942	COVINGTON	CONECUH	31 23	86 33		C		MID	5			ALABAMA ELECTRIC CO.	2 3 4
ROBERTSDALE	6988	BALDWIN	GULF	30 35	87 45	148	C	6P	6P	19	37		CARL BOSECK	2 3 5
ROCK MILLS	7025	RANDOLPH	CHATTAAHOOCHEE	33 09	85 18	745	C	5P	7A	14	18		JAMES B. BAILEY	2 3 5
SAINT BERNARD	7157	CULLMAN	BLACK WARRIOR	34 12	86 47	802	C	6P	7A	42	42		FR. FREDERICK SMITH	2 3 5
SAYRE	7282	JEFFERSON	BLACK WARRIOR	33 43	86 58	304	C		7A	11			DORA R. WEBSTER	2 3
SCOTTSBORO	7304	JACKSON	TENNESSEE	34 42	86 02	652	C	6P	7A	66	67		MRS. KINZIE BOBO	2 3 5
SEALE 7 MILES WNW	7328	RUSSELL	CHATTAAHOOCHEE	32 18	85 17	358	C		8A	24			B. G. BUSH	2 3
SELMA	7366	DALLAS	ALABAMA	32 25	87 00	147	C	6P	8A	69	69		W. C. ROBINSON	2 3 5 7
SHEFFIELD TVA NRSY	7415	COLBERT	TENNESSEE	34 46	87 42	505	C		7A	14			TVA-49	2 3
SLOCUMB	7576	GENEVA	CHOCTAWHATCHEE	31 06	85 35		C		6A	1			PATRICK B. SMITH	2 3
SNOW RILL	7620	WILCOX	ALABAMA	32 00	87 01	225	C		7A	11			MRS. EVA R. RAY	2 3
SOUTH BILL	7671	DE KALB	TENNESSEE	34 24	86 02	990	C		7A	13			TVA-75	2 3
SPRING HILL	7733	MOBILE	GULF	30 40	88 05	175	C	9A	9A	36	37		HAMLIN H. TIPPINS	
SWAIM	7968	JACKSON	TENNESSEE	34 53	86 13		C		7A	10			TVA-385	2 3
SYLACAUGA	7994	TALLADEGA	COOSA	33 10	86 15	548	C		8A	13			ALABAMA POWER CO.	2 3
SYLVANIA	8012	DE KALB	TENNESSEE	34 34	85 49	1400	C		7A	10			TVA-386	2 3
TALLADEGA	8024	TALLADEGA	COOSA	33 26	86 06	554	C	6P	6P	59	60		C. D. WEAVER	2 3 5
THOMASVILLE	8178	CLARKE	TOMBIGBEE	31 55	87 47	385	C	6P	7A	57	58		MRS. MINNIE DEATON	2 3 5
THORSBY 1 MILE SW	8204	CHILTON	ALABAMA	32 54	86 44		C		MID	5			SCS	2 3 4
THURLOW DAM	8215	ELMORE	TALLAPOOSA	32 32	85 54	288	C		6A	12			ALABAMA POWER CO.	2 3
TIBBIE	8223	WASHINGTON	TOMBIGBEE	31 21	88 14	226	C		8A	9			MISS. DOROTHY TAYLOR	2 3
TONEY	8259	MADISON	TENNESSEE	34 54	86 44	750	C		MID	7			TVA-506	2 3 4
TRAFFORD	8285	JEFFERSON	BLACK WARRIOR	33 49	86 44		C		7A	7			MRS. M. JOHNSON	2 3 4
TROY	8323	PIKE	PEA	31 49	85 58	590	C	8A	8A	41	53		THOMAS J. DILLARD	2 3 4 5
TUSCALOOSA AIRPORT	8380	TUSCALOOSA	BLACK WARRIOR	33 14	87 37	170	C	MID	MID	68	70		CAA	2 3 4 5
TUSCALOOSA LOCK & DAM	8385	TUSCALOOSA	BLACK WARRIOR	33 13	87 35	152	C		7A	22			U. S. ENGINEERS	2 3 7
TUSKEGEE	8398	MACON	TALLAPOOSA	32 24	85 45	459	C	5P	5P	50	50		W. T. THOMPSON	2 3 5

# STATION INDEX

ALABAMA  
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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
UNION SPRINGS	8438	BULLOCK	CONECUH	32 08	85 39	485	C	6P	8A	62	82		MRS. DOROTHY SMITH	2 3 5
UNIONTOWN	8446	PERRY	ALABAMA	32 27	87 31	273	C		8A		40		MISS. MARY MARTIN	2 3
UNIVERSITY	8454	TUSCALOOSA	BLACK WARRIOR	33 12	87 33	225	C	MID	MID	68	70		DR. F. B. MITCHELL	2 3 5
VALLEY BEAD	8469	DE KALB	COOSA	34 34	85 37	1031	C	6P	8A	64	64		MRS. CARRIE DALBY	2 3 5
VANCE	8477	TUSCALOOSA	CAHABA	33 10	87 13		C		7A		8		WM. F. VANCE	2 3
VERNON	8517	LAMAR	TOMBIGBEE	33 45	88 07	180	C		MID		8		G. C. MOORE, JR.	2 3 4
WADLEY	8605	RANDOLPH	TALLAPOOSA	34 36	85 42	640	C		6A		15		ALABAMA POWER CO.	2 3
WALLACE	8637	ESCAMBIA	CONECUH	31 12	87 14		C		8A		8		MRS. RUBY SOWELL	2 3
WALNUT GROVE	8648	ETOWAH	BLACK WARRIOR	34 04	86 19	850	C		7A		7		MRS. FLORENCE PARKER	2 3
WATERLOO	8686	LAUDERDALE	TENNESSEE	34 55	88 04	445	C		7A		52		BORACE E. PYBURN	2 3
WEST BLOCTON	8809	BIBB	CAHABA	33 07	87 07		C		8A		8		RUPERT M. BEARDEN	2 3
WETUMPKA	8859	ELMORE	COOSA	32 32	86 11	205	C	6P	6A	53	57		MRS. D. R. WHITAKER	2 3 5 7
WHATLEY	8867	CLARKE	TOMBIGBEE	31 39	87 43		C		7A		9		LEONARD L. COLEMAN	2 3
WHEELER DAM	8875	LAWRENCE	TENNESSEE	34 47	87 21	580	C		7A		13		TVA-52	2 3
WINFIELD 2 MILES SW	8998	FAYETTE	TOMBIGBEE	33 56	87 49	468	C		7A		15		W. W. COTNEY	2 3
YATES HYDRO PLANT	9103	ELMORE	TALLAPOOSA	32 34	85 54	335	C		6A		58		ALABAMA POWER CO.	2 3

## REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24-hours ending at time of observation. See the Station Index for observation time.

- No record.

+ And also on later dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

6 Precipitation measured at 6-hourly intervals and at midnight, no recording gage.

6X Daily totals are for the 24 hours ending at 12:30 A.M. C.S.T. of the following day.

M One or more days of record missing; see Table 5 for detailed daily record.

R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.

Z Hourly amounts from recording gage at the same site may be found in Table 4.

T Trace, an amount too small to measure.

Data in Table 4 were formerly published in the Hydrologic Bulletins for Ohio River and Southeast Districts. Amounts in this table are from recording gages. Traces are not shown.





U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

ALABAMA

AUGUST 1948

Volume LIV No. 8



#### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

## ALABAMA - AUGUST, 1948

E. D. Emigh, Section Director - Montgomery

### General Summary

The average rainfall in the Northern and Middle Divisions was more than an inch less than 1, but Alabama came through this August with less than the usual number of local droughts. Total rainfall totals were more than normal over much of the east central portion of the State and the counties on the coast, but over Colbert and Lauderdale Counties, in the northwestern corner, precipitation averaged just slightly more than half an inch, and it was considerably less than 1 in the Counties immediately surrounding. Another rather dry strip extended from south-uscaloosa County through Marengo County and thence southeastward into Conecuh County. Except near the coast, only a few stations had showers after the 16th.

The month as a whole was slightly milder than usual, but it was rather warm toward the end. All stations reported maximum temperatures of over 100° on the 30th. The lowest readings were mostly on the morning of the 6th, when minimum temperatures averaged near 60°. This coolness was very unusual, since instead of being the result of general rains that sometimes bring cool days in summer, it was attended by a clear sky and was caused by a rare invasion of cool air directly from the north.

No severe local storms nor floods were reported.

It was another favorable month for field crops. Even in the northwestern dry area mentioned above, the rains that did occur were mostly early in the month, and therefore in time to complete the growth of corn, and to a large extent most other summer crops. The fair weather during the last two weeks permitted hay cutting and the picking of cotton where it was open sufficiently. As the month ended, gardens in most sections were needing rain. By the 31st, cotton and corn were in fine condition, and sweet potatoes, peanuts, soy beans, cowpeas, cane, and other field crops continued to promise good yields. Cattle stayed in good condition on pasturage, considerably better than usual for this time of year.

### FCP

#### Temperature

The monthly mean temperature for the State, determined from the records of 60 stations, was 75.3°, or 0.5° below the normal. The highest local monthly mean was 82.2° at Frisco City; the lowest was 75.3° at Valley Head. The highest temperature recorded was 103° at Evergreen, Montgomery Airport, and Tuskegee, on the 30th, and at Evergreen on the 31st; the lowest was 52° at Valley Head on the 7th, making the monthly range for the State 51°.

#### Precipitation

The monthly average for the State, determined from the records of 172 stations, was 3.77 inches, or 0.98 inch less than the normal. The greatest monthly amount was 11.09 inches at Montgomery Airport; the least was 0.35 inch at Muscle Shoals. The greatest amount of precipitation in any observational day was 3.76 inches measured at Auburn on the morning of the 3d. Precipitation amounting to 0.01 inch or more fell on an average of 8 days.



PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE
ANNISTON WB AIRPORT	30.24	28	29.87	31	-	-	-	-	94	94	60	78	-
BIRMINGHAM WB AIRPORT	30.21	28	29.85	31	5.5	28	E	30	90	89	57	66	59
MOBILE WB CITY	30.17†	28	29.83†	1	6.1	29	NW	14	91†	91†	61†	79†	53
MONTGOMERY WB CITY † AIRPORT DATA	30.19†	28	29.81†	31	5.4	20	N	15	89†	92†	54†	68†	75

TABLE 1  
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1884	78.3	102	52	2.29		6	1919	79.2	103	51	7.54		
1885	79.7	102	56	3.79		11	1920	77.6	98	52	6.82		
1886	79.5	103	56	4.35		10	1921	80.5	105	53	4.38		
1887	79.8	102	59	2.83		5	1922	78.9	101	52	3.27		
1888	79.3	98	52	7.37		11	1923	78.9	98	51	6.28		
1889	77.4	97	51	3.27		9	1924	81.9	104	52	2.87		
1890	77.5	97	50	4.46		9	1925	80.8	107	51	1.52		
1891	78.5	102	44	2.73		6	1926	80.6	101	58	6.90		
1892	78.7	100	56	6.21		14	1927	78.5	100	48	3.54		
1893	79.2	100	50	5.00		9	1928	80.9	100	57	4.55		
1894	78.7	103	54	6.91		12	1929	80.2	102	50	2.10		
1895	80.1	100	45	5.23		12	1930	79.5	108	50	3.50		
1896	82.2	106	50	2.35		6	1931	77.9	102	47	4.63		
1897	78.9	106	53	5.61		10	1932	80.8	102	58	5.36		
1898	78.8	102	59	7.51		14	1933	80.0	100	55	3.99		
1899	81.3	103	58	3.71		8	1934	80.9	104	59	5.97		
1900	81.7	105	62	2.94		4	1935	81.5	107	51	5.11		
1901	78.7	104	54	8.47		12	1936	80.9	103	51	5.76		
1902	82.2	107	52	3.54		8	1937	80.9	103	62	5.04		
1903	80.6	101	53	3.64		9	1938	81.6	106	58	3.89		
1904	78.4	101	55	5.62		12	1939	78.6	99	53	10.59		
1905	79.3	102	54	5.28		12	1940	80.5	102	52	2.93		
1906	80.6	102	55	3.65		10	1941	80.8	101	52	5.29		
1907	80.6	104	53	3.47		8	1942	78.7	101	53	6.43		
1908	79.5	104	52	3.44		8	1943	82.2	109	54	3.64		
1909	81.0	108	54	3.30		8	1944	79.6	101	58	6.42		
1910	79.6	102	54	2.67		7	1945	80.3	102	50	3.06		
1911	79.1	102	54	4.95		11	1946	78.4	100	45	4.87		
1912	79.2	100	49	5.69		11	1947	81.2	105	60	3.68		
1913	80.5	103	52	2.57		6	1948	79.3	103	52	3.77		
1914	78.9	105	59	6.52		13	Period	79.8	109	44	4.64		
1915	78.9	105	49	5.07		10							
1916	79.9	104	51	3.60		8							
1917	78.1	101	46	6.17		11							
1918	80.6	105	50	3.56		6							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TABLE 2  
CLIMATOLOGICAL DATA

ALABAMA  
AUGUST 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
NORTHERN DIVISION																		
DISON	-	-							2.23	-	.85	2	.0			10	2	
BERTVILLE	76.0	- 2.2	96	29	56	6	11		.67	- 3.74	.18	21	.0			6		
ICEVILLE	-	-							3.06	-	2.52	17	.0			3	2	1
NISTON	77.6	- 0.6	99	30	57	6	17		5.45	1.40	1.53	4	.0			12	6	3
LEY	-	-							4.40	-	1.47	5	.0			6	5	2
HLAND	-	-							5.70	-	2.20	3	.0			8	4	2
HVILLE	-	-							5.11	.45	2.33	1	.0			9	5	1
HENS	-	-							1.06	-	.96	3	.0			2	1	
RRY	-	-							3.23	-	2.09	3	.0			4	2	1
KAR 2 MILES SE	-	-							1.18	-	.52	16	.0			6	2	
RMINGHAM WB APT	78.0	- 0.4	96	29	56	6	18		4.10	- .16	1.79	2	.0			9	5	1
RMINGHAM WB CITY	79.6	0.4	100	30	58	6	18		5.90	1.64	1.90	4	.0			9	5	2
SHOP	-	-							.88	-	.24	16	.0			9		
IDGEPORT	-	-							2.40	- 1.66	1.36	1	.0			8	2	1
LERA	-	-							3.67	- 1.09	1.12	17	.0			11	4	1
RBON HILL	-	-							1.90	-	1.05	16	.0			9	2	1
ENTER GROVE	-	-							5.14	-	2.24	3	.0			7	3	3
ILDERSBURG	-	-							3.08	-	.95	4	.0			9	5	
LLINSVILLE	-	-							5.90	-	3.15	2	.0			7	5	2
RDOVA	78.8	- 0.6	98	29	59	7	15		5.76	1.43	1.92	17	.0			6	4	4
CATUR	79.2	- 0.1	100	29	60	6	16		1.26	- 2.65	.91	3	.0			7	1	
ROD	-	-							3.40	-	1.40	23	.0			8	5	1
LKVILLE	-	-							2.10	-	1.00	3	.0			6	3	1
LLS CITY 6 MI NW	-	-							3.00	-	1.35	1	.0			4	4	1
YETTE	78.0	-	101	29	54	6+	19		3.04	- 1.20	1.74	16	.0			6	4	1
ORENCE AT LOCK	-	-							.48	- 3.38	.11	4+	.0			6		
RT PAYNE	-	-							2.79	-	1.12	4	.0			4	3	1
SDSEN	76.7	- 2.6	98	29	54	6	16		5.20	.64	1.35	14	.0			13	5	2
RDEN CITY	-	-							2.76	-	-		.0					
ODWATER	77.2	- 2.1	94	29+	59	6	9		6.88	1.39	2.20	3	.0			9	7	3
RGAS	-	-							6.46	-	2.21	3	.0			9	7	1
NTERSVILLE	-	-							2.02	- 2.11	1.05	3	.0			6	3	1
NTERSVILLE REC	-	-							1.55	-	.54	2	.0			6	3	
NTERSVILLE DAM	-	-							2.07	-	.87	3	.0			6	2	
LEYVILLE	78.8	-	99	29	58	6	16		1.30	-	.42	16	.0			8	2	
MILTON	-	-							2.94	- 1.34	1.23	30	.0			7	5	1
GHTOWER	-	-							3.74	-	1.85	3	.0			4	4	2
DGES	-	-							2.44	-	.98	17	.0			3	3	
NTSVILLE	76.1	-	97	28+	55	6	14		1.41	- 2.50	.49	2	.0			8	3	
TOP	-	-							2.60	-	.63	3	.0			10	4	
CKSON SHOALS	-	-							6.39	-	2.23	3	.0			9	8	1
CKSONVILLE	-	-							6.17	-	3.15	3	.0			7	4	3
EDS	-	-							5.92	1.36	2.58	1	.0			7	5	3
ESBURG	-	-							8.23	4.17	2.57	2	.0			7	7	3
CK NO 4	77.4	- 2.0	96	28+	57	6	16		6.28	1.66	1.80	2	.0			10	5	3
CK NO 17	-	-							3.72	-	1.28	3	.0			8	3	2
DISON	77.3	- 1.9	100	29	57	6+	17		3.18	- .61	1.62	3	.0			8	3	1
GELLA	-	-							3.42	-	.90	14	.0			8	5	
NTE SANO	-	-							1.80	-	.54	4	.0			6	4	
NTEVALLO	-	-							3.75	-	1.10	5	.0			7	6	2
SCLE SHOALS	78.8	- 0.1	100	29	58	7	17		.35	- 3.51	.21	10	.0			4		
W MARKET	-	-							2.18	-	.75	4	.0			6	4	
EOANTA	77.1	0.1	100	29	53	6	18		1.67	- 3.67	.53	16	.0			4	3	
LMERDALE	-	-							4.45	-	1.88	6	.0			7	5	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
AUGUST 1948

TABLE 2 — Continued  
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES							
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. DAY
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	OF INCH OR MORE
PICKENSVILLE	-	-							2.52	-	1.00	17	.0			7
REFORM	-	-							3.82	-	1.23	29	.0			7
ROCK MILLS	78.7		100	29+	57	6	19		5.53	.32	1.39	4	.0			11
SAINT BERNARD	77.2	- 0.2	98	29	58	7	16		3.62	- 1.04	2.60	3	.0			8
SAYRE	-	-							6.82	-	2.32	17	.0			10
SCOTTSBORO	77.9	0.5	101	29	57	6	17		3.83	- .31	1.65	5	.0			9
SHEFFIELD TVA NRSY	-	-							.88	-	.24	16	.0			9
SOUTH HILL	-	-							3.90	-	1.75	3	.0			8
SWAIM	-	-							1.44	-	.58	4	.0			5
SYLACAUGA	-	-							3.75	-	1.63	5	.0			7
SYLVANIA	-	-							3.10	-	.79	4	.0			6
TALLADEGA	77.6	- 1.9	97	29	56	6	17		7.47	- 2.76	3.10	3	.0			8
TONEY	-	-							2.64	-	.77	2	.0			6
TRAFFORD	-	-							2.83	-	1.71	3	.0			5
TUSCALOOSA AIRPORT	79.7	- 1.3	101	28+	58	6+	21		1.12	- 3.16	.44	16	.0			8
TUSCALOOSA LCK DAM	-	-							1.38	-	.45	17	.0			7
UNIVERSITY	79.8	- 1.2	100	28	58	6	19		2.44	- 1.84	.75	10+	.0			7
VALLEY HEAD	75.3	- 1.4	96	29	52	7	11		2.60	- 1.96	.90	16	.0			5
VANCE	-	-							2.43	-	.76	4	.0			5
VERNON	-	-							1.67	-	1.05	15	.0			4
WADLEY	-	-							6.90	-	2.15	4	.0			6
WALNUT GROVE	-	-							1.32	-	.70	4	.0			2
WATERLOO	-	-							.56	- 3.33	.36	16	.0			3
WEST BLOCTON	-	-							2.29	-	.89	4	.0			8
WHEELER DAM	-	-							.58	-	.41	5	.0			4
WINFIELD 2 MILES SW	-	-							1.34	-	.36	16	.0			9
DIVISION	77.9	- 0.9	101	28+	52	7	16		3.28	- 1.06	3.15	2+	.0			7
MIDDLE DIVISION																
ABBEVILLE	-	-							3.88	-	1.24	16	.0			8
ALBERTA	-	-							1.95	-	.48	14	.0			10
ALEXANDER CITY	79.0		97	30	60	6	18		-	-	-		.0			
AUBURN	77.4	- 2.0	99	31	57	6	15		5.68	.83	2.48	4	.0			8
AUBURN 4 MILES N	-	-							5.57	-	3.76	3	.0			9
BEATRICE	-	-							.96	-	.54	2	.0			3
BILLINGSLEY	-	-							4.41	-	2.84	4	.0			4
BRANTLY	-	-							6.59	- 1.71	3.00	5	.0			7
BRUNDIDGE	-	-							2.21	- 3.16	1.00	10	.0			8
CAMPBELL	-	-							4.78	-	1.10	3	.0			11
CENTREVILLE	81.3	0.9	102	30	63	7+	21		3.14	- 1.92	.95	21	.0			5
CLANTON	78.3	- 1.6	99	30	58	6	15		6.66	2.12	2.18	5	.0			7
CLAYTON	-	-							5.39	.36	2.10	10	.0			9
CUBA	-	-							5.10	-	1.66	31	.0			12
DADEVILLE	-	-							3.08	- 1.91	1.30	3	.0			7
DADEVILLE NO 2	-	-							3.30	-	1.22	4	.0			7
DANCY	-	-							3.31	- .31	.93	11	.0			11
DAYTON	80.5	-	100	30	61	6+	21		2.03	-	.36	16	.0			9
DEMOPOLIS	-	-							1.37	- 2.56	.30	14	.0			9
EUFAULA	79.8	- 0.2	99	30	60	7	17		4.96	- .34	1.45	4	.0			10
EUTAW LOCK NO 7	-	-							2.32	-	.96	3	.0			9
GAINESVILLE	-	-							3.30	-	1.20	24	.0			12
GREENSBORO	80.6	0.4	100	29	59	6	22		1.51	- 2.88	.62	3	.0			8
GREENVILLE	79.8	- 0.7	97	30	60	7	18		2.27	- 3.15	.51	3+	.0			12
GREENVILLE NO 2	-	-							2.38	-	.89	2	.0			9

SEE REFERENCE NOTES FOLLOWING STATION INDEX



TABLE 2 — Continued  
CLIMATOLOGICAL DATA

ALABAMA  
AUGUST 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
DISBURG 6 MI SE	-	-	-	-	-	-	-	-	1.91	-	.54	17	.0	-	-	7	3	-
EVILLE	-	-	-	-	-	-	-	-	3.43	-	1.62	2	.0	-	-	6	4	1
LAND HOME	79.0	- 0.7	99	30	61	6	15	-	4.01	-.79	1.53	2	.0	-	-	6	5	2
DAN DAM	-	-	-	-	-	-	-	-	4.60	-	2.29	2	.0	-	-	6	4	1
DAM	-	-	-	-	-	-	-	-	7.37	-	3.48	5	.0	-	-	7	5	3
NGSTON	80.8	0.1	98	30	65	18	28	-	1.62	- 2.00	.47	11	.0	-	-	9	2	-
NO 2	-	-	-	-	-	-	-	-	3.25	- 1.78	.74	15	.0	-	-	11	6	-
NO 3	-	-	-	-	-	-	-	-	1.41	- 3.21	.55	15	.0	-	-	5	2	-
OLIA	-	-	-	-	-	-	-	-	1.97	-	.83	16	.0	-	-	10	2	-
ON 1 MILE SSE	-	-	-	-	-	-	-	-	6.06	- 1.50	1.90	2	.0	-	-	6	6	3
ON JUNCTION	-	-	-	-	-	-	-	-	2.88	-	.93	2	.0	-	-	8	6	-
IN DAM	-	-	-	-	-	-	-	-	4.66	- .01	2.31	3	.0	-	-	7	4	1
ELL FIELD	80.4	-	99	30	64	6	19	-	3.75	-	1.93	2	.0	-	-	9	3	1
IN	-	-	-	-	-	-	-	-	5.19	-	1.64	2	.0	-	-	10	4	2
Z 3 MILES E	-	-	-	-	-	-	-	-	1.90	-	-	-	.0	-	-	2	2	1
AY	-	-	-	-	-	-	-	-	4.19	-	1.27	2	.0	-	-	9	5	2
ERS FERRY	-	-	-	-	-	-	-	-	1.33	- 3.40	.65	16	.0	-	-	6	2	-
TEAD	-	-	-	-	-	-	-	-	5.45	-.84	1.16	20	.0	-	-	9	7	2
HELL DAM	-	-	-	-	-	-	-	-	4.78	-	2.05	3	.0	-	-	7	5	2
GOMERY WB APT	80.3	-	103	30	62	6+	19	-	4.82	-	1.50	2	.0	-	-	8	4	2
GOMERY WB CITY	80.4	- 0.4	98	30	64	6	17	-	3.42	- .81	1.96	2	.0	-	-	10	3	1
ILLE	-	-	-	-	-	-	-	-	1.87	-	.76	5	.0	-	-	3	3	-
YVILLE	-	-	-	-	-	-	-	-	2.81	-	.70	1	.0	-	-	9	5	-
HILL	-	-	-	-	-	-	-	-	2.37	-	.61	16	.0	-	-	5	5	-
LEVEL	-	-	-	-	-	-	-	-	3.25	-	2.17	3	.0	-	-	6	3	1
TERTSVILLE	-	-	-	-	-	-	-	-	3.36	-	1.40	1	.0	-	-	7	4	1
SANT HILL	-	-	-	-	-	-	-	-	3.83	-	-	-	.0	-	-	-	-	-
TVILLE	79.8M	0.1	97	30	60	7	14	-	-	-	-	-	.0	-	-	-	-	-
ROSE FARM	-	-	-	-	-	-	-	-	5.09	-.67	1.96	3	.0	-	-	8	4	2
MATAHA	80.7	0.6	96	29+	-	-	-	-	-	-	-	-	.0	-	-	-	-	-
A	78.7M	- 2.5	97	30	58	7	17	-	1.77	- 2.80	.82	17	.0	-	-	6	2	-
HILL	-	-	-	-	-	-	-	-	2.04	-	.71	16	.0	-	-	7	3	-
ASVILLE	80.4	- 0.2	99	30	61	6	22	-	4.32	- .45	1.65	5	.0	-	-	12	4	1
SBY 1 MILE SW	-	-	-	-	-	-	-	-	2.66	-	1.51	4	.0	-	-	4	2	1
LOW DAM	-	-	-	-	-	-	-	-	1.69	- 3.01	.51	3	.0	-	-	8	3	-
EGEE	79.0	- 1.5	99	31	61	7	17	-	3.79	- 1.50	.85	4	.0	-	-	9	6	-
N SPRINGS	79.1	- 1.7	103	30	59	6	18	-	2.35	- 1.86	1.60	3	.0	-	-	3	3	1
NTOWN	78.8	- 1.6	98	30	61	6	14	-	3.18	- 1.75	.88	4	.0	-	-	7	5	-
MPKA	-	-	-	-	-	-	-	-	3.12	- 1.07	1.93	4	.0	-	-	8	2	1
LEY	79.9	- 1.3	97	29+	61	6	16	-	5.94	- 1.21	2.10	2	.0	-	-	6	5	3
S HYDRO PLANT	-	-	-	-	-	-	-	-	2.44	-	1.07	3	.0	-	-	14	2	1
DIVISION	-	-	-	-	-	-	-	-	4.58	- .12	1.61	3	.0	-	-	7	6	1
SOUTHERN DIVISION	79.7	- 0.6	103	30	57	6	18	-	3.51	- 1.10	3.76	3	.0	-	-	8	4	1
LUSIA	79.9M	-	98	29	62	6	17	-	2.20	-	.82	4	.0	-	-	8	3	-
RE STATE FARM	81.4	-	100	30	63	7	24	-	7.85	-	2.23	5	.0	-	-	10	8	3
MINETTE	79.5M	- 0.9	96	13+	63	7	21	-	10.06	- 3.92	2.96	3	.0	-	-	13	8	4
TON 3 MILES SSE	79.5	- 1.1	99	13+	58	7	27	-	5.02	- 1.19	1.68	3	.0	-	-	12	5	2
ONELLE	80.5	- 0.5	95	13+	66	7	16	-	7.53	- 1.03	1.90	8	.0	-	-	14	6	3
EE SPRINGS	-	-	-	-	-	-	-	-	5.95	- 1.46	2.10	17	.0	-	-	8	6	2
MBIA	-	-	-	-	-	-	-	-	2.45	-	.96	17	.0	-	-	13	3	-
AN CAA AIRPORT	80.0	-	101	30	61	7	21	-	4.03	- 1.40	1.93	16	.0	-	-	12	5	1
GREEN	80.8	-	103	30+	59	6	26	-	1.32	- 3.61	.77	4	.0	-	-	4	2	-
HOPE	80.8	0.1	96	13+	65	22	22	-	7.91	- .68	3.06	9	.0	-	-	15	8	2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
AUGUST 1948

TABLE 2 — Continued  
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES							
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. DA
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	
FORT MORGAN	-	-							3.71	-	1.00	8	.0			10
FRISCO CITY	82.2M	-	102	30	62	18	21		2.65	- 2.85	1.45	11	.0			8
GENEVA	80.8	-	100	30	60	7	22		3.52	- 1.47	1.02	6	.0			11
LOCKHART	80.8	-	98	15+	62	7	21		2.98	-	.98	6	.0			8
LOCK NO 1	-	-							4.02	- .98	1.71	14	.0			12
MILLRY	80.0	0.4	99	30	57	7	27		4.40	- .46	1.70	10	.0			7
MOBILE WB AIRPORT	80.5	-	98	13	65	21+	22		11.09	-	2.98	9	.0			14
MOBILE WB CITY	82.1	1.1	97	15	69	22	21		10.92	4.00	3.19	9	.0			15
NEW BROCKTON	-	-							3.49	-	1.15	16	.0			11
NEWTON	-	-							7.53	2.38	1.83	17	.0			7
OZARK	79.6	- 1.0	99	30	62	7	17		4.93	- .64	2.41	4	.0			9
RIVER FALLS	-	-							4.15	- 1.37	.94	5	.0			11
ROBERTSDALE 7 MI E	79.6	-	96	13+	63	7	17		8.59	1.13	2.64	4	.0			15
SLOCOMB	-	-							6.61	-	1.81	11	.0			10
SPRING HILL	80.4M	- 0.5	96	14	67	6+	11		9.49	2.32	-		.0			12
TIBBIE	-	-							4.75	-	2.20	9	.0			4
WALLACE	-	-							10.82	-	3.10	5	.0			11
DIVISION	80.5	- 0.2	103	30+	57	7	21		5.85	0.01	3.19	9	.0			11
STATE	79.3	- 0.5	103	30+	52	7	18		3.77	- 0.98	3.76	3	.0			8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TABLE 3

## DAILY PRECIPITATION

ALABAMA  
AUGUST 1948

STATION		DAY OF MONTH																															TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EVILLE	R	.36	1.18	.14	.20				.14							.51	1.24								.11							3.88	
ISON	R		.85	.14	.02					.22				.49		.04	.06				.11	.12										2.23	
ERTVA		.10	.17	.12	.12	.32			.02						.48	.04	.16	.45				.18	.04						.04		.18	1.95	
ERTVILLE		-	-	1.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.67
XANDER CITY																																-	
CEVILLE			.03	.24	.82				.34				.20			T	.37	2.52				*	.20					.02				3.06	
ALUSIA		.32	.61	1.11	1.53	.07			.07					1.01	T	.29	.24				T	.10	.01	.09								2.20	
ISTON				.25	1.47											1.06	.53	.60	.82											T	.20	5.45	
BY										.18				.15		.24	.24				*	.51										4.40	
LAND	// R		1.35	2.20	.54																											5.70	
VILLE		2.33	.40	.68	.56	.52			.24	T					.12	T	.16	.10														5.11	
ENS				.96					T							.10														T		1.06	
ORE STATE FARM	Z	1.94			.71	2.23			.58						.32	.06					1.11		.02				.35				.55	7.85	
URN			.29	2.10	2.48	.24				.07	.02						.30	.18														5.68	
URN 4 MILES N	R		.72	3.76	.16	.03				.04	.10					.34	.11					.31										5.57	
MINETTE		1.40		2.96	.04				2.61	1.12	.45				.38		.06					.26		.20	.18	.30		.10				10.06	
TRICE			.54		.30																											.96	
RY	R	.15	.01	2.09												.98																3.23	
AR 2 MILES SE	R							.10								.28	.52	.52							.04	.05			.19			1.18	
LINGSLEY					2.84	.64										.41	.52															4.41	
INGRAM WB APT	Z		1.79	.58	.34				T		T			.04	T	.55	.71				T	.01					.09		.01		T	4.10	
INGRAM WB CITY		T		1.57	1.90	.02				T		.22			.60	.08	.86	.61					.04									5.90	
HOP				.05							.03						.24	.15								.10	.12			.08		.88	
NTLY		.26		.49		3.00			.08		.30						.52	1.94			.08	.03										6.59	
WTON 3 MILES SSE		.21	.06	1.68	.21	1.12			.17	.03						.10		.30						.41		.60		.13				5.02	
DGEPORT		1.36		.53	.16	.14					.12	.05				.02		.25	.16								.02					2.40	
NDIDGE			T		.39	.18					.07					.07																2.21	
ERA		.70	*	.13	.17	.57				T	1.00		.02		.09	.05	.05	1.12				.88	T									3.67	
PBELL	R		.32	1.10	.38			.06	.79	.28				.05	.73		1.00															4.78	
BON RILL		.06		.14	.03				.04		.01					.42	1.05	.10													.05	1.90	
TER GROVE			2.24	1.11	T	.18					T	.17		1.08	.19		.17	.45														5.14	
TREVILLE			.74	.40	.60						.01					.02	.48	.36				.95										3.14	
LDERSBURG		.20	.37	.49	.95	.20																										3.08	
RONELLE		1.02	.02	.12	.13			1.90	1.81	.65	T	.08			.22									.78	.52	.22	.03	.03				7.53	
WTON		.78	.69	2.16		2.18			T	.14					T		.69					.02										6.66	
WTON				.92	.38	.70					2.10	.10	.03				.80	.30														5.39	
FEE SPRINGS			1.20	.70	.81	.26				.60							.17	2.10				.18	.06									5.95	
LINSVILLE			3.15	.76	1.10	.29									.33		.10															5.90	
UMBIA		.05	.27	.29	.14	.06	.02				.06	.10				.03	.20	.96				.17	.10									2.45	
DOVA			1.23	1.20	.08						.19						1.14	1.92														5.76	
A									.04	.03	.22	.57			.82	.80	.54							.16				.01	.18	.07	1.66	5.10	
EVILLE			.52	1.30	.47	.13				.10						.31	.25															3.08	
EVILLE NO 2	R		1.11		1.22	.02			.20	.18						.33	.24															3.30	
CY		.33	.11					.28	.09	.28	.93				.07	.28	.07															3.31	
TON		.14	.23	.28	.32				T	.22	.17			T	.03		.36													T		2.03	
ATUR			T	.91	.02	.19			.01	.02					.02	T	.09															1.26	
DPOLIS		.10		.15					.08	.03	.23				.30		.12	.12														1.37	
RAN CAA AIRPORT	Z	.36	.28	.45	.11	.04			.05	.05	T				.07	1.93	T				.01				.04			.24			.64	4.03	
DD				.30	.10				.20						.05	.30	.65	.28														3.40	
NULA		.12	.81	.28	1.45	.44				T	.37	.03				.15	.28						1.05	1.40						.40		4.96	
AW LOCK NO 7	Z			.98		.30				.18	.13	.02			.05	.10	.11													.47	2.32		
RGREEN		-	-	.12	.77	.36																										1.32	
RHOPE		.02	1.28	.86	.14	.02		.32	3.06	.10		.54				.06					.40	.52	.11					.07	.46		.02	7.91	
CVILLE				1.00	.06	.44					.57					.43	.06													.11	.50	2.10	
LS CITY 8 MI NW		1.35														.58																3.00	
ETTE		.16	.34	.33					.11								1.74	.36														3.04	
RENCE AT LOCK	// R																																



# TABLE 3 - Continued

## DAILY PRECIPITATION

ALABAMA  
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STATION	DAY OF MONTH																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MAXWELL FIELD	.12	1.93	.01	.97	.06				.08	T				T	.22	.30			.06		T												
WELVIN		1.64								.10	.20	.66		.49		1.50			.14	.17							.23	.06					
WERTZ 3 MILES E			.50													T	1.40																
MIDWAY		1.27	1.21	T	.72				.01	.26	.16				.26	.65	.26			.17				.10								.20	
MILLERS FERRY		.05	.06													.65	.26						.14										
MILLRY				.20							1.70	.20		1.20	.80								.20			.10							
MILSTEAD	.23		.56	.26	1.06						.16	.96				.78	.28			1.16							.10						
MICHELL DAM	.68	.02	2.05	1.22							.02					.40	.39																
MOBILE WB AIRPORT	1.34	T	.31	.48				.89	2.98	1.40	.40	.17		2.14		T	T		.34	.02			T	T	T	.14	.10				.38		
MOBILE WB CITY	Z	.49	.18	1.25				1.08	3.19	1.38	.74	.67		.51						.26	T		.03	.01	.15	T	.76					.22	
MONTE SANO		.45	.25	.54							.09				.38																	.09	
MONTEVALLO	.32	.18	.30		1.10										.41		1.07				.37												
MONTGOMERY WB APT	.21	1.50	T	1.16	.12		T	.12	.64	T					.15	.92	T		T														
MONTGOMERY WB CITY	Z	.05	1.96	.03	.71	.08		T	.05	.01	T				.17	.35			.04		T												
MOULTON	// R		.53	.04							.04	.02			.17							.04											
MUSCLE SHOALS			T	.03						.21					.04	.07																	
NEW BROCKTON	R	.11	.22	.46	.18	.36				.16	.14				.51	1.15				.05						.04							
NEW MARKET			.20	.75	.47										.27	.29																	
NEWTON		1.31	.64	1.03	1.08						1.07					.62	1.83			.20													
ONEONTA		.54	.45	.18												.53																	
ORRVILLE		.60			.76												.51																
OZARK		.17	.04	2.41	.43						.10	.21				.36	.86					.36											
PAINT ROCK	R		.73	1.44									1.17		.02	.03																.20	
PALMERDALE		T		.88	.37	1.84						.05			.77	.34																.16	
PERRYVILLE		.70	.55	.17				.44	.26	.14				.10		.43					.02												
PETERMAN	R		.09							.33																							.19
PICKENSVILLE		.50	T	.23					.19	.10		.40		.21	.56	.51	1.00						.21										
PINE HILL		.18	2.17		.38											.12												.31					
PINE LEVEL		.08	.92	.30	.18						.27				.10	.12	.38					.13											
PLANTERSVILLE		1.40	.08																														
PLEASANT HILL	R	.35	.32	.03	.85				.05	.37	.20				.08	*	*	*	*	*	2.20												
PRATTVILLE		.82		.09	1.25					.12					.35	1.05																	
PRIMROSE FARM		1.39	1.96	.13	.95								1.57			.04	.47				.03												
PUSHMATAHA																																	
REFORM	T		.10	.90					.71						.01	.64	.21													1.21			
RIVER FALLS	T	.88	.13	.45	.94					.07	.03				.04	.81	.57			.15		.09						T					
RIVER FALLS 2 MI NW	R														.47	.81																	
ROBERTSOALE 7 MI E		.91	.16	.06	2.64			.16	2.07	.74	.59				.09						.46		.14		.04		.09			.47	.01		
ROCK WILLS		.12	.76	1.39	.59					.01	.03			1.07		.41	.23			.07		.86											
SAINT BERNARD		.11	2.60	.05	.20						T	T			.40	.10	.07														.09		
SAYRE			.30	.20	.76				.07	.06	.62			1.55		.82	2.32				.12												
SCOTTSBORO		.68	.36	.35	1.65					.01	.01				.11	.56				.10													
SEALE 7 MILES WNW		1.20	.32	.22	.86																												
SELMA		.17	.18	.15	.35	.10			T							T	.82																
SHEFFIELD TVA NRSY			.05								.03					.24	.15		.08	.05					.11	.12					.08		
SLOCOMB		.10	.62	.84	.20	.01					1.81	1.11			.16	1.62																	
SNOW HILL		.26	.13		.54											.71						.14		.20							.06		
SOUTH HILL		.35	.32	1.75	.61					.17	.10	.40	.13																				
SPRING HILL		.08		.19	.24		*	*	5.2	.58	.50	*	.33			.74	T			T		.03				.94	.24	.37					
SWAIM			.35	.58	.28									.11		.12																	
SYLACAUGA		.04	.47	.99	1.63									.01	.21	.32																	
SYLVANIA		.20	.05	.59	.79	.78								.69																			
TALLADEGA		.10	.72	3.10	.80	.42								.57	.87	.90																	
THOMASVILLE		.16	.16	.67	1.65					.08	.02				.11	.94	.21						.03				.08	.10					
THORSBY 1 MILE SW	R		.15	1.51							.12					.88																	
THURLOW DAM		.12		.51	.11	.25										.18	.46																
TIBBIE									2.20		.05	.80																					
TONEY	// R	.77	.10	.69						.77			.02		.22																		
TRAFFORD	Z		1.71	.04	.20																												

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SEE REFERENCE NOTES FOLLOWING STATION INDEX



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# TABLE 4 — Continued

## HOURLY PRECIPITATION

ALABAMA  
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STATION	A. M. HOUR ENDING												P. M. HOUR ENDING											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
BIRMINGHAM W APT.								.01	.06	.20	.02	.10	.09	.12	.04	.06	.01							
CAMPBELL		.66	.01				.01	.17	.12	.02	.01													
DADSVILLE NO 2												.20	.04											
DOTHAN CAA AIRPORT					.49													1.55						
EUTAW LOCK NO 7			.04	.01	.01		.03	.05	.04	.01	.01	.01	.03											
GARDEN CITY								.01	.05															
HALEYVILLE								.06	.01	.08	.10	.03	.01	.01			.01	.01	.01	.01				
LAY DAM								.06	.01	.01														
LOCK NO 1 //								.06	.01	.01							.01	.01	.01	.01				
MAGNOLIA			.14	.01			.01	.37	.30															
MARION 1 MILE SSE						.05			.25	.04	.01													
MONTGOMERY WB APT. 6M								*	*	*	*	*	.09	*	*	*	*	*	.83					
MONTGOMERY WB CITY										.35														
NEW BROCKTON																	1.11	.03	.01					
PAINT ROCK			.03																					
PLEASANT HILL								.02	.01	.11	.01		*	*	*	*	*	*	*	*	*	*	*	*
RIVER FALLS 2 MI. NE			.06	.36	.01								*	*	*	*	.37	.01	*	*	*	*	*	*
THORNSBY 1 MILE SW													.13	.05	.03	.88								
TRAFFORD										.02	.10	.04	.07											
TROY			.01	.36	.01	.01	.01			*	*	*					.30	.35						
TUSCALOOSA AIRPORT 6M	*	*	*	*	*	*	.02	*	*	*	*	*	.41	*	*	*	*	*	.01					
UNIVERSITY				.01				.29	.35	.09	.01	.01												
VERNON				.01	.01	.01	.05	.07	.08	.02	.08	.01												
													-17th-											
PLEASANT HILL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
													-18th-											
PLEASANT HILL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
													-19th-											
ADDISON	.10	.01																						
MONTGOMERY WB CITY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.04	*	*	*	*	*	*	*
PLEASANT HILL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
RIVER FALLS 2 MI. NE																								
													-20th-											
ADDISON																.12								
ASHLAND //																								
BOAZ																		.10	.01	*	*	*	*	*
GUNTERSVILLE REC																			.05	.09	.01			
LAY DAM																				.02				
MAGNOLIA																						.13	.02	
MOBILE WB AIRPORT 6M	*	*	*	*	*	*	.34	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PLEASANT HILL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
													-21st-											
ANNISTON WB AIRPORT 6M																			.05					
ASHLAND //	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.51	*	*	*	*	*	*	*	*
AUBURN 4 MILES N																				.25	.06	.02		
BELGREEN																								
BIRMINGHAM WB APT.																			.01					
GREENVILLE NO 2																.20	.30	.01						
MAGNOLIA							.01	.01										.01	.02					
MOBILE WB AIRPORT 6M																*	*	*	*	*	*	*	*	*
MOBILE WB CITY																.21	*	.02	.01	.02	.02			
NEW BROCKTON																.03	.01	.01						
PETERMAN	-	-	-	-	-	-	-	*	*	*	*	*	.26	.45	.01	*	*	2.05						
PLEASANT HILL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
													-22d-											
LOCK NO 1 //																		.01	.01					
MOULTON							.04																	
													-23d-											
ANNISTON WB AIRPORT 6M														*	*	*	*	*	.04					
GARDEN CITY													.02											
LOCK NO 1 //																.02	.01	.01						
MOBILE WB CITY																.03	.02							
PETERMAN													.20	.01	.01									
PLEASANT HILL																								
													-24th-											
ABBEVILLE																								
BEXAR 2 MILES SE																.02	.01	.01		.10	.01			
MIDWAY																								
MOBILE WB CITY																.10	.01							
													-25th-											
BELGREEN																.02	.01							
BEXAR 2 MILES SE																	.02							
BIRMINGHAM WB APT.																.02	.09			.01	.01			
HALEYVILLE													.02											
MOBILE WB CITY													.15											
													-26th-											
CAMPBELL																		.01	.01					
FORT MORGAN //						.03																		
GREENVILLE NO 2																			.16	.01	.18	.01		
LOCK NO 1 //																								
MAGNOLIA																		.04	.16					
MOBILE WB AIRPORT 6M													*	*	*	*	*	*	*	*	.14			
NEW BROCKTON																.03	.01							
TROY																		.01	.02					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# TABLE 4 — Continued

## HOURLY PRECIPITATION

ALABAMA  
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
													-27th				.04	.01		.18	.01	.10				.05	
BELL																										.29	
MORGAN //																										.15	
OLIA																	.09	.05	.01							.10	
LE WB AIRPORT 6M														*	*		*	*	*	.09	*	*	*	*	*	.01	.76
LE WB CITY														.54	.22												
													-28th-														
R 2 MILES SE																				.13	.02	.02	.01	.01		.19	
INGHAM WB APT.																.01										.01	
TVILLE																	.01										
													-29th-														
REEN																						.10	.01			.11	
W LOCK NO 7																			.03	.42	.03					.48	
TVILLE																						.05	.07	.01		.13	
													-30th-														
BON																.02	.01	.15								.18	
ROCK																	.05									.05	
TVILLE																			.08							.08	
SVILLE 6X																					*	*	*	*	.15		
NO 1 //													.08	.04	.01											.13	
OLIA																						.13	.01			.14	
T ROCK							.17			.02			.01	*	*	*	*	*	*							.20	
ALOOSA AIRPORT 6M														*	*	*	*	*	*	.02						.02	
													-31st-														
RE STATE FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AN CAA AIRPORT																			.55	.03		.02	.01			.61	
NVILLE NO 2																			.24	.01						.25	
AY																			.10	.09	.01					.20	
LE WB AIRPORT 6M														*	*	*	*	*	*			.38				.38	
LE WB CITY														.22						*						.22	
ERMAN															.16	.03										.19	
SANT HILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
R FALLS 2 MI. NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
																		.09	.08		.04	.01	.01	.01		.24	

SEE REFERENCE NOTES FOLLOWING STATION INDEX



TABLE 5

## DAILY TEMPERATURES (° FAHRENHEIT)

ALABAMA  
AUGUST 1948

STATION		DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALBERTVILLE	MAX MIN	86 66	84 69	80 68	85 66	77 60	79 56	81 60	82 61	86 62	79 66	83 69	88 66	92 66	87 69	82 69	77 65	85 70	89 69	88 64	91 62	89 64	90 66	89 67	90 66	90 65	90 66	90 66	94 66	96 67	95 66	91 66		
ALEXANDER CITY	MAX MIN	87 68	85 70	88 68	85 72	89 69	85 60	83 65	91 68	92 68	86 67	91 70	89 68	91 69	93 71	90 65	91 63	90 64	88 68	91 64	90 70	89 68	91 70	90 68	89 69	90 68	93 70	89 71	96 70	92 72	97 70	91 68		
ANDALUSIA	MAX MIN	90 72	88 84	84 79	89 80	85 84	88 71		90 70	84 72	86 80	89 72	92 72	92 72	94 75	90 72	87 71	88 68	92 66	92 67	93 63	89 64	90 69	90 70	91 90	90 71	90 90	93 71	98 93	96 71	91 76	91 76		
ANNISTON	MAX MIN	90 71	84 70	85 70	90 69	80 59	84 57	84 63	85 60	86 65	80 72	86 73	90 66	93 67	90 68	81 70	74 68	86 66	88 62	91 66	92 64	90 69	89 64	91 68	92 69	91 67	91 69	95 68	98 69	99 68	95 65	95 65		
ATMORE STATE FARM	MAX MIN	93 71	89 71	89 73	92 72	86 86	86 90	92 63	80 70	89 90	90 89	95 90	99 92	97 74	96 91	88 92	95 69	95 71	97 69	91 91	90 92	91 69	92 68	94 93	93 90	96 91	97 70	100 96	97 72	100 73	97 74	97 74		
AUBURN	MAX MIN	90 70	86 71	84 70	79 70	82 67	82 57	83 60	85 61	87 68	84 69	83 70	87 68	92 71	93 68	91 69	87 68	78 67	83 60	88 64	88 65	91 66	92 63	90 70	91 68	92 69	92 69	91 68	91 67	94 67	97 65	99 66	99 66	
BAY MINETTE	MAX MIN	91 70	88 69	88 70	86 71	87 88	88 63	88 67	88 63	77 68	77 68	92 70	90 68	96 71	95 68	95 71	89 68	94 68	91 68	93 70	95 90	90 66	91 90	90 66	90 69	90 90	90 90	93 90	95 69	96 70	93 70	93 70		
BIRMINGHAM WB APT	MAX MIN	89 70	84 72	80 73	90 70	80 61	82 56	82 61	85 65	87 68	83 69	85 72	93 71	95 70	83 70	73 69	84 66	90 66	91 67	92 65	93 66	91 68	91 70	91 69	91 70	91 71	90 73	94 70	96 68	95 68	93 66	93 66		
BIRMINGHAM WB CITY	MAX MIN	91 70	93 72	85 80	80 73	91 63	83 58	85 62	81 66	87 68	87 70	83 72	86 73	92 70	96 74	88 71	82 65	74 70	86 67	90 90	93 94	94 90	93 90	98 91	94 90	94 90	94 90	93 90	96 93	100 75	98 72	98 72		
BREWTON 3 MILES SSE	MAX MIN	92 69	93 71	90 72	90 68	88 68	86 61	90 58	91 66	81 71	91 71	90 68	94 70	99 71	97 72	96 70	91 68	89 66	91 61	95 71	95 65	94 64	90 64	91 63	90 62	91 66	90 64	94 66	95 68	99 67	95 68	95 68	95 68	
CENTREVILLE	MAX MIN	92 80	85 78	88 79	93 78	85 74	86 70	87 63	91 70	85 63	85 64	86 66	94 73	98 77	90 69	81 65	87 72	93 74	93 73	95 71	96 72	95 70	95 66	95 70	94 66	96 66	96 65	95 68	95 70	100 72	102 72	98 72	98 72	
CITRONELLE	MAX MIN	89 72	89 72	86 73	89 72	86 67	86 67	88 66	90 70	80 70	84 70	89 71	90 72	95 74	93 73	94 73	88 71	85 74	91 70	92 74	94 72	93 73	92 67	89 69	89 69	88 71	90 72	92 72	93 74	95 73	94 74	94 73	94 73	
CLANTON	MAX MIN	85 70	81 71	86 88	83 73	82 66	84 58	82 59	86 63	81 70	81 71	83 71	92 70	95 71	93 70	89 71	80 72	83 71	90 63	92 67	90 64	92 69	90 66	91 68	92 68	90 69	90 89	90 90	93 91	96 98	99 98	98 98	98 98	
CORDOVA	MAX MIN	86 67	87 68	87 70	87 67	87 69	85 60	86 59	86 70	84 67	85 68	85 69	87 68	91 70	92 70	87 69	82 70	89 70	90 71	91 70	89 70	90 68	91 68	90 70	94 68	94 68	94 68	92 67	93 68	97 69	98 68	97 64	94 64	
DAYTON	MAX MIN	92 70	89 72	90 73	92 71	84 68	85 61	87 69	89 71	82 71	85 72	89 71	91 72	96 70	93 72	93 71	88 71	85 68	91 66	93 68	94 67	96 65	95 69	95 69	94 69	95 71	95 71	97 71	98 71	100 69	98 69	98 69	98 69	
DECATUR	MAX MIN	88 68	84 70	83 72	88 70	77 63	80 60	83 62	84 69	88 67	83 71	86 72	90 71	96 73	86 72	83 71	79 65	85 65	92 68	91 67	95 66	92 67	95 66	94 70	95 72	96 72	95 72	94 72	96 71	100 70	96 72	91 72	91 72	
DOTHAN CAA AIRPORT	MAX MIN	84 72	87 71	81 72	91 70	86 68	86 63	87 61	90 65	90 71	85 70	90 71	92 71	97 73	97 76	97 67	96 67	87 67	87 65	92 67	95 69	94 65	90 69	93 69	93 69	93 69	92 69	93 69	95 68	97 71	101 68	96 72	96 72	
EUFULA	MAX MIN	85 73	87 73	82 75	79 72	86 70	85 61	87 60	88 65	82 72	85 73	90 71	89 70	94 70	95 73	91 70	84 72	85 65	88 67	92 69	92 69	93 66	90 69	93 70	91 70	94 72	94 70	95 72	97 71	97 69	99 71	97 71	97 71	
EVERGREEN	MAX MIN	90 70	92 71	87 73	90 85	87 62	88 59	88 66	91 71	82 69	91 71	90 70	92 70	98 76	95 70	90 69	90 65	93 63	95 67	97 64	96 64	97 65	95 68	95 68	95 68	95 68	95 68	94 69	98 77	98 77	103 77	98 77	98 77	
FAIRBOPE	MAX MIN	92 70	88 70	88 70	90 72	87 73	88 67	90 66	91 71	77 71	89 70	91 72	93 70	96 72	96 74	96 71	91 75	88 70	92 70	92 71	96 72	94 68	91 65	86 68	89 69	92 72	93 71	91 72	93 71	92 71	94 71	93 76	93 76	93 76
FAYETTE	MAX MIN	93 64	88 66	85 72	93 67	85 82	87 54	89 54	84 62	85 68	84 65	86 70	96 71	97 70	91 67	80 68	86 62	90 59	94 66	93 62	94 62	96 65	93 64	92 66	93 66	92 66	95 66	96 67	98 65	101 66	98 66	98 66	98 66	
FRISCO CITY	MAX MIN							93 76	91 71	90 71			94 70	97 78	97 71	96 71	89 71	89 71	93 62	94 69	97 68	91 68	95 69	91 68	95 69	91 69	95 72	95 70	94 71	98 70	102 72	101 71	101 71	
GADSDEN	MAX MIN	86 70	84 71	85 71	88 70	80 62	82 54	84 60	86 58	90 70	81 60	86 69	91 66	93 68	89 70	85 66	74 63	84 61	88 64	90 65	92 61	90 65	90 63	92 66	92 66	92 66	91 66	92 64	98 65	95 64	95 64	92 64	92 64	
GENEVA	MAX MIN	88 71	90 72	78 71	88 71	86 69	87 62	88 60	91 65	89 72	89 71	90 70	94 68	97 70	97 72	98 74	94 72	90 68	89 70	94 72	93 70	92 69	91 69	91 70	92 73	92 72	93 70	92 70	95 69	96 71	100 70	97 71	97 71	
GOODWATER	MAX MIN	86 72	83 71	84 71	86 71	78 65	79 59	81 60	83 62	82 69	81 72	85 70	87 72	90 70	89 71	82 70	78 66	86 63	88 63	89 68	90 63	89 68	88 69	90 69	90 89	90 89	90 89	93 89	94 69	94 69	92 69	92 69	92 69	
GREENSBORO	MAX MIN	94 72	92 70	91 71	90 73	83 67	86 59	87 61	88 61	82 68	80 71	88 72	93 69	96 72	91 70	85 73	86 68	93 66	95 69	96 67	97 69	96 69	95 69	96 69	95 72	96 71	96 73	95 72	99 70	100 73	98 70	99 70	99 70	
GREENVILLE	MAX MIN	90 72	86 73	84 73	90 73	84 70	84 62	86 60	87 65	80 73	85 70	86 71	91 72	93 72	94 71	86 71	85 71	88 66	91 70	93 68	92 70	89 65	91 71	93 71	90 71	93 72	90 72	94 72	95 72	97 70	96 73	96 73	96 73	
GULF SHORES 3 MI WSW	MAX MIN															94 79	96 78	90 74	90 78	92 73	92 73	92 75	92 75	88 68	87 71	85 70	90 73	86 73	87 75	91 72	94 73	94 76	94 76	
HALEYVILLE	MAX MIN	86 66	85 67	85 71	88 68	78 61	81 58	84 64	82 62	87 67	83 63	85 72	93 70	96 71	90 71	85 71	82 62	85 64	89 68	91 66	93 67	93 66	95 67	95 67	95 69	95 71	95 70	95 71	98 72	99 73	95 70	90 70	90 70	
HIGHLAND HOME	MAX MIN	90 70	84 71	80 72	89 71	83 68	82 61	84 64	87 68	84 71	85 69	87 71	87 72	94 70	91 71	82 70	82 69	87 65	92 68	90 70	92 69	92 69	92 69	92 69	92 69	91 70	91 70	90 71	93 72	96 71	99 70	95 70	95 70	95 70
HUNTSVILLE	MAX MIN	85 60	82 68	82 68	86 71	76 55	81 57	82 63	82 60	88 69	82 73	86 69	89 67	93 70	84 70	84 70	78 62	84 60	84 64	90 62	89 64	90 62	92 64	92 66	93 66	94 66	92 65	92 65	97 66	97 66	95 65	90 65	90 65	90 65
LIVINGSTON	MAX MIN	90 70	88 69	91 74	90 76	91 67	91 6																											

TABLE 5 — Continued  
DAILY TEMPERATURE (°FAHRENHEIT)

ALABAMA  
AUGUST 1948

STATION		DAY OF MONTH																															MEAN	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DIXWELL FIELD	MAX MIN	92 72	78 72	86 73	90 70	85 69	83 64	89 65	89 68	84 73	85 72	89 73	92 74	96 73	95 74	92 68	80 70	85 70	89 67	91 71	93 65	94 72	91 68	93 68	92 72	93 74	92 74	92 72	95 74	96 70	99 70	96 72	90.2 70.6	
MULLERY	MAX MIN	93 70	92 71	90 72	87 71	88 62	90 58	89 57	91 65	90 69	88 68	90 70	94 70	96 71	98 72	96 68	96 69	97 68	93 63	95 62	96 63	97 66	95 66	92 64	93 66	93 65	95 65	96 68	96 65	95 64	99 68	97 65	93.5 66.5	
WILEY WB AIRPORT	MAX MIN	91 70	90 70	87 72	90 71	87 73	88 66	86 68	88 70	79 70	88 70	91 72	92 73	98 73	95 72	95 73	90 72	88 69	91 70	92 73	93 71	93 65	90 65	87 69	91 69	91 72	90 72	92 72	92 72	95 72	94 70	90.5 70.5		
WILEY WB CITY	MAX MIN	92 74	91 74	88 74	87 73	87 75	89 70	89 70	89 72	80 74	89 73	90 71	90 74	96 76	95 72	97 76	91 76	87 72	90 74	92 77	95 72	94 72	92 69	88 70	92 71	92 72	92 74	90 74	93 75	94 76	93 75	90.9 73.3		
MONTGOMERY WB APT	MAX MIN	92 73	81 72	86 74	91 69	84 67	85 62	87 62	89 66	82 71	84 70	90 73	92 72	94 72	95 73	89 68	82 71	88 70	91 66	94 70	94 69	91 72	92 70	92 70	93 71	93 71	92 71	96 71	99 70	103 71	98 70	90.6 70.0		
MONTGOMERY WB CITY	MAX MIN	90 74	77 73	86 75	89 72	84 68	83 64	86 65	87 69	81 73	83 72	89 72	93 72	95 74	95 73	89 68	80 70	84 68	89 71	90 73	93 71	92 73	90 70	90 72	91 73	91 74	91 74	90 74	93 73	95 74	98 74	89.0 71.7		
WHEELER SHOALS	MAX MIN	86 68	86 68	84 70	91 65	78 62	81 60	86 58	85 66	86 64	85 71	91 73	95 70	97 71	85 74	85 71	81 68	88 62	94 67	94 65	96 67	96 65	94 63	96 70	96 69	94 68	93 69	94 69	95 68	100 69	95 69	89 66	90.2 67.4	
WHEELER	MAX MIN	87 69	83 71	82 70	90 68	79 61	82 53	86 60	84 60	88 62	82 68	88 71	93 67	97 68	90 68	83 69	73 67	84 61	91 60	91 63	95 61	93 65	93 62	94 67	94 65	94 65	94 66	95 66	93 66	97 64	100 63	92 63	89.3 64.9	
WHEELER	MAX MIN	85 72	88 73	78 71	88 72	84 69	85 63	87 62	87 65	84 71	86 71	88 73	90 72	93 71	93 72	94 73	88 72	85 69	87 65	90 68	91 71	93 67	90 64	90 69	91 70	91 71	91 71	91 71	93 69	95 71	99 69	96 70	89.4 69.7	
WHEELER	MAX MIN	92 72	83 73	88 74	89 74	83 69	84 62	86 60	89 64	81 71	82 71	88 73	92 72	94 71	94 72	90 73	85 70				90 73				93 68	92 69	91 72	91 73	95 69	93 69	97 69	95 69	89.5 70.1	
WHEELER	MAX MIN	92 73	92 75	93 72	95 72									95 70	95 70	95 70	85 70	85 69	90 64	92 68	93 68	95 67	94 65	93 66	91 68	92 67	93 68	93 66	95 66	96 68	96 68	92.9 68.5		
WHEELER 7 MI E	MAX MIN	89 70	90 70	79 71	86 71	85 71	88 67	89 63	89 68	88 71	89 69	91 71	92 71	96 72	95 74	96 71	91 75	88 69	91 71	93 70	91 71	91 67	91 67	86 64	88 67	90 68	90 70	69 71	93 71	89 70	94 71	89.3 69.8		
WHEELER MILLS	MAX MIN	90 72	85 71	81 70	90 72	87 66	86 57	88 60	89 60	89 65	82 65	85 71	93 67	95 67	95 69	88 69	85 70	87 65	91 61	91 65	95 62	91 68	93 62	93 67	95 67	94 67	93 67	92 66	97 66	100 66	100 66	98 66	90.9 66.5	
WHEELER BERNARD	MAX MIN	88 71	84 69	84 70	94 69	77 61	83 60	84 58	83 63	88 64	81 67	88 70	91 67	95 67	90 68	83 70	76 67	84 61	89 60	89 67	93 63	92 64	93 63	93 67	96 65	94 66	94 66	93 66	96 66	98 66	96 65	91 64	89.0 65.5	
WHEELERBORO	MAX MIN	89 67	84 72	80 70	89 67	79 59	80 57	85 60	81 65	90 62	85 63	86 70	90 68	92 67	88 70	85 72	79 67	88 65	90 62	92 64	93 65	94 64	93 67	94 67	96 67	95 69	95 67	95 67	95 67	99 68	101 67	99 67	89.7 66.1	
WHEELERMA	MAX MIN	89 69	83 70	88 72	89 70	83 66	82 59	85 58	87 66	87 67	85 68	87 70	90 68	94 70	92 69	91 70		89 65	90 66	91 65	93 70	90 65	90 68	90 68	91 68	92 70	91 70	91 70	94 67	96 68	97 68	96 68	89.8 67.6	
WHEELER HILL	MAX MIN	94 71	91 72	90 71	84 74	85 73					76 71	83 71		89 71	96 71			89 72	88 70	90 74	94 73	94 74	93 67	92 70		89 69	86 72	88 73	87 73		92 73	89.2 71.5		
WHEELERLADEGA	MAX MIN	86 71	82 72	86 71	90 71	81 64	84 56	84 61	85 61	86 65	83 71	86 72	91 68	92 67	90 69	83 68	78 71	85 65	88 63	91 65	92 62	90 67	91 64	91 69	92 67	91 67	90 69	91 69	94 70	97 68	96 68	93 68	88.4 66.9	
WHEELERVILLE	MAX MIN	91 69	89 72	88 72	92 72	83 69	86 61	88 62	89 67	83 72	86 70	90 70	93 70	97 72	96 70	92 70	91 69	84 69	91 66	92 67	93 69	93 71	93 67	93 69	94 70	96 69	95 70	93 70	96 70	98 71	99 70	97 69	91.6 69.2	
WHEELEROY	MAX MIN	89 72	88 72	86 71	78 70	91 68	84 62	83 61	85 65	87 72	84 70	83 70	86 69	90 71	92 72	92 72	91 71	85 70	84 65	87 69	91 71	92 69	92 64	90 69	91 70	91 70	92 70	92 70	91 71	94 68	96 71	99 69	88.9 69.2	
WHEELERLOOSA AIRPORT	MAX MIN	93 69	86 71	85 72	93 73	84 63	86 58	85 58	90 64	90 71	84 70	87 70	96 67	97 70	92 70	85 71	77 68	86 67	92 64	94 68	96 63	97 67	97 68	93 67	95 67	96 67	95 69	96 70	95 68	101 69	100 69	101 69	96 66	91.8 67.6
WHEELERGE	MAX MIN	90 68	88 70	83 73	89 71	85 68	85 59	85 60	88 62	84 69	86 60	89 69	92 67	95 70	94 68	90 72	82 70	84 68	89 62	93 70	94 66	94 69	92 64	93 67	94 68	94 67	92 68	94 68	96 69	97 70	103 68	98 68	90.7 67.5	
WHEELER SPRINGS	MAX MIN	88 70	87 73	81 72	87 72	83 68	81 61	83 62	85 67	80 72	84 71	85 71	89 69	92 72	91 72	89 71	83 65	86 70	89 69	91 70	92 69	90 66	91 67	92 66	90 70	90 70	90 72	90 72	94 72	96 70	98 70	95 69	88.2 69.5	
WHEELERIVERSITY	MAX MIN	92 70	85 72	82 72	91 73	82 64	85 58	85 60	87 66	85 71	84 70	85 71	92 69	95 72	91 72	83 72	76 68	86 65	91 70	94 67	95 69	96 69	95 69	94 71	94 70	95 70	95 74	94 70	98 74	99 70	98 70	90.5 69.1		
WHEELERLEY HEAD	MAX MIN	83 67	85 69	85 77	87 84	82 60	82 57	82 52	82 58	80 58	80 61	83 66	88 70	92 65	88 67	86 68	75 68	85 59	87 61	87 62	90 58	90 61	91 60	91 62	90 64	90 65	91 66	94 63	96 65	93 64	94 63	87.2 63.4		
WHEELERTUPKA	MAX MIN	92 75	88 73	84 73	87 75	85 70	84 61	84 63	86 65	81 74	83 72	89 73	91 72	93 73	95 74	88 71	79 73	86 68	89 66	87 70	94 67	90 73	91 69	90 70	90 71	91 72	90 73	90 72	90 72	93 71	97 71	97 71	89.1 70.7	



# TABLE 6

## DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ALABAMA  
AUGUST 1948

STATION		DAY OF MONTH																															TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN	EVAP.	.167	.284			.126	.308	.186	.228	.194	.124	.110	.132	.166	.255	.278	.094	.195	.112	.224	.186	.204	.293	.229	.248	.228	.279	.259	.230	.229	.257	.240	6.073
	WIND	8	13	12	41	26	15	10	5	5	8	19	8	4	9	13	7	16	6	3	13	9	19	11	5	11	10	17	10	7	8	10	358
FAIRHOPE	EVAP.	.138	.184		.098	.216	.186	.220	.126		.096	.152	.200	.216	.220	.194	.230	.170	.198	.252	.182	.166	.178	.096	.126	.154	.158	.162	.144	.172	.168	.172	4.974
	WIND	9	13	11	16	21	19	10	8	8	6	11	23	25	20	20	28	14	14	21	13	8	10	4	10	7	8	12	8	13	37	433	

# TABLE 7

## DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																														HIGHEST (OF CREST)	DATE	LOWEST	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				31
CHATTACHOOCHIEE EUFULA COLUMBIA	40	8.4	7.4	9.2	17.6	23.6	28.6	20.2	15.8	15.4	11.0	10.5	9.8	9.5	8.7	8.2	8.4	8.6	10.0	9.1	8.5	7.9	7.7	6.7	8.1	7.4	7.3	6.9	6.8	6.2	6.0	5.8	28.6	6	5.9
	42	12.4	12.2	12.0	18.9	22.5	28.6	26.3	20.6	18.2	17.6	14.4	14.0	13.1	12.3	11.5	11.1	13.3	13.1	13.2	11.8	11.3	11.9	11.0	10.1	10.9	10.3	10.2	9.9	9.8	9.2	8.9	28.6	6	8.9
CROCTAWHATCHEE NEWTON GENEVA	19	5.1	5.3	5.5	9.9	12.8	7.0	7.2	5.8	5.1	5.0	5.5	5.2	5.0	4.8	4.8	4.5	7.0	6.6	6.2	4.5	4.1	4.1	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	12.8	5	3.2	
	23	7.7	8.1	9.0	9.5	12.8	13.2	13.1	10.3	8.7	7.8	7.9	8.1	8.0	7.3	6.5	5.8	8.0	9.4	9.4	8.0	6.4	-	5.4	5.0	4.8	4.6	4.4	4.2	-	4.0	3.8	13.2	6	3.8
CONECUH RIVER FALLS BRENTON	35	5.8	6.3	4.8	3.3	5.4	6.5	8.1	6.4	6.3	4.7	3.6	3.1	2.4	3.9	3.1	5.4	3.7	4.5	3.1	4.9	3.0	2.3	3.8	2.1	2.7	3.8	2.0	1.6	-	0.9	1.7	8.1	7	0.9
	17	3.3	3.2	3.5	3.7	4.4	6.0	6.1	5.5	5.2	4.9	4.8	4.0	3.9	2.9	2.8	2.8	2.9	2.7	2.8	3.0	2.8	2.5	2.3	2.3	1.8	1.8	1.9	1.7	1.5	1.0	0.8	6.1	7	0.8
COOSA CHILDORESSBURG GADSDEN LOCK NO 4, LINCOLN WETUMPKA	20	2.8	3.6	3.6	5.8	9.0	9.5	8.6	7.9	6.5	4.8	3.8	3.4	3.2	3.0	3.4	3.4	3.3	3.0	3.0	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.2	2.2	2.1	9.5	6	2.1	
	20	3.4	3.4	4.5	11.2	13.7	13.3	12.3	9.8	5.8	4.2	3.6	3.3	3.1	3.9	3.3	3.0	2.9	3.2	2.8	2.5	2.4	2.2	2.2	2.0	1.9	2.0	1.9	2.0	1.9	1.8	1.6	13.7	5	1.6
	17	2.3	2.8	3.4	6.8	10.2	10.0	9.2	7.7	5.6	3.5	2.7	2.3	2.0	2.0	2.7	2.1	1.9	1.9	1.8	1.6	1.4	1.3	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	10.2	5	0.7
	45	5.0	4.8	12.1	11.4	19.2	24.4	22.8	18.1	15.3	13.5	13.4	12.2	9.6	7.1	6.5	6.0	5.9	6.8	7.1	6.6	6.1	6.1	4.2	5.1	5.4	5.1	5.3	5.1	4.9	5.0	4.9	24.4	6	4.2
TALLAPOOSA WILSTEAD	40	0.9	0.4	5.6	23.9	27.6	20.3	12.3	9.8	2.5	6.2	4.1	3.9	3.7	4.2	3.8	1.1	10.3	9.3	7.1	7.5	5.6	5.6	1.9	4.4	3.2	3.4	7.6	4.2	3.8	2.1	4.2	27.6	5	0.4
CARABA CENTREVILLE MARION JUNCTION	23	3.1	3.2	3.7	4.3	5.8	4.4	3.8	3.2	3.0	2.8	2.8	2.7	2.6	2.5	2.5	2.6	3.2	3.4	3.4	3.0	2.9	2.9	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	5.8	6	2.2
	38	2.8	2.5	3.3	3.7	4.8	5.1	4.4	3.6	3.0	2.9	2.7	2.5	2.4	2.4	2.4	2.3	2.4	2.9	3.2	3.0	2.7	2.5	2.3	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	5.1	6	1.9
ALABAMA MONTGOMERY SELMA MILLERS FERRY	35	4.0	3.2	6.8	8.7	15.8	21.3	21.5	17.4	13.7	11.6	10.5	8.9	7.0	6.5	5.8	3.9	4.3	6.2	6.3	5.8	5.5	4.4	3.7	3.8	4.4	3.7	3.6	4.2	2.9	3.7	3.6	21.5	7	2.9
	45	3.0	-	-	8.3	12.4	18.6	22.8	23.4	20.7	16.9	13.8	13.8	11.4	9.6	8.3	7.2	5.6	5.2	7.3	7.6	7.2	6.6	5.8	-	-	5.6	5.0	4.8	5.3	4.0	4.2	23.4	8	3.0
	40	8.2	9.1	9.2	8.6	12.3	17.6	22.6	25.6	26.0	23.8	20.2	17.8	16.2	14.8	13.2	11.8	10.6	9.2	9.3	10.6	11.0	10.7	10.0	9.1	8.1	8.0	8.6	8.2	8.0	8.2	7.3	26.0	9	7.3
BLACK WARRIOR TUSCALOOSA LOCK & DAM	47	12.5	12.4	12.3	15.0	14.5	13.2	12.8	11.9	11.7	11.6	11.8	11.5	11.4	12.0	12.8	12.1	16.2	13.6	12.7	12.0	11.9	11.8	11.8	11.3	11.3	11.3	11.2	11.2	11.2	11.3	11.2	16.2	17	11.2
TOMBIGHEE GAINESVILLE DEMOPOLIS, LOCK NO 4 LOCK NO 3 LOCK NO 2 LOCK NO 1	36	3.4	3.0	3.0	2.4	2.3	2.1	2.2	2.0	2.0	1.8	1.8	1.9	2.0	2.0	2.1	2.2	4.0	6.0	5.4	4.9	4.1	3.2	2.8	2.2	2.0	1.8	1.6	1.6	1.5	1.4	1.4	6.0	18	1.4
	39	11.1	10.7	10.8	10.5	11.9	11.9	11.0	10.4	10.0	9.9	9.8	9.8	9.9	10.0	10.0	11.0	11.0	13.1	13.5	12.5	11.9	11.4	10.8	10.7	10.5	10.1	9.9	9.7	9.7	9.6	8.6	13.5	19	9.6
	33	11.3	11.1	10.8	10.7	11.8	12.2	11.5	10.6	10.1	10.1	9.9	9.8	9.8	9.8	9.9	11.0	11.1	13.2	14.6	13.3	11.4	10.8	10.2	8.9	9.9	9.6	9.3	9.2	9.1	8.8	8.7	14.6	19	8.7
	46	12.8	12.5	12.3	11.9	12.5	13.6	13.1	11.9	11.4	11.0	11.2	11.3	11.4	11.5	11.8	12.2	12.8	13.5	15.7	15.1	13.7	12.7	12.2	11.5	11.1	11.1	11.0	10.9	10.8	10.6	10.6	15.7	19	10.8
	31	10.3	10.4	10.4	10.5	16.5	10.6	11.2	11.2	11.1	11.1	11.1	11.3	11.5	11.4	11.2	11.1	10.9	10.8	11.1	11.8	12.2	11.8	10.7	10.4	10.0	9.8	9.3	9.8	9.7	9.8	9.3	9.0	12.2	20
TENNESSEE FLORENCE	18	12.0	11.6	12.0	11.8	12.0	11.8	12.4	12.1	11.8	12.2	12.3	12.1	12.2	12.4	12.2	11.3	11.6	11.6	11.5	11.7	12.3	11.0	11.2	10.9	11.3	11.5	11.3	11.3	11.3	11.0	11.0	12.4	7	10.9

Readings are made at approximately 7 a. m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA  
AUGUST 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
BEVILLE	0008	HENRY	CHATTAHOOCHEE	31 34	85 15		C		MID		5		J. P. MITCHELL	2 3 4
DISON	0063	WINSTON	BLACK WARRIOR	34 13	87 10		C		MID		8		PALMER GODSEY	2 3 4
DISON CENTRAL TOWER	0071	LAWRENCE	BLACK WARRIOR	34 25	87 19	1500	C		7A		8		U. S. F. S.	
BERTA	0140	WILCOX	ALABAMA	32 14	87 25		C		8A		8		SIDNEY J. HARDY, SR.	2 3
BERTVILLE	0148	MARSHALL	TENNESSEE	34 16	86 13	1114	C	6P	6P	23	23		S. H. STRICKLAND	2 3 5
EXANDER CITY	0163	TALLAPOOSA	TALLAPOOSA	32 56	85 57	658	C	5P	5P	6	6		F. E. BLACKBURN	2 3 5
ICFVILLE	0178	PICKENS	TOMBIGBEE	33 08	88 10		C		7A		9		HOSIE PHILLIPS	2 3
DALUSIA	0252	COVINGTON	CONECUH	31 19	86 30	346	C	6P	6P	11	11		WM. M. GARRETT	2 3 5
NISTON	0267	CALHOUN	COOSA	33 40	85 50	724	C	MID	MID	58	58		U. S. WEATHER BUREAU	2 3 5
NISTON WB AIRPORT	0272	CALHOUN	COOSA	33 35	85 51		C	MID	MID	2	2		U. S. WEATHER BUREAU	2 3 4 5
LEY	0338	WINSTON	BLACK WARRIOR	34 04	87 13		C		7A		11		MRS. LESSIE HILLER	2 3
ILAND	0369	CLAY	TALLAPOOSA	33 16	85 50		C		MID		8		HENRY L. MC QUEEN	2 3 4
IVILLE	0377	ST. CLAIR	COOSA	33 50	86 16	880	C		8A		33		MRS. B. C. BANKS	2 3
SENS	0390	LIMESTONE	TENNESSEE	34 48	86 59	709	C		7A		8		TVA-62	2 3
MORE STATE FARM	0402	ESCAMBIA	ESCAMBIA	31 10	87 29		C	6P	6P	5	5		ATMORE STATE FARM	2 3 4 5
BURN	0422	LEE	TALLAPOOSA	32 36	85 30	732	C	8A	8A	57	71	2	MRS. MARTHA I. MOORE	2 3 5 6
BURN 4 MILES N	0427	LEE	TALLAPOOSA	32 40	85 29		C		MID		5		SCS	2 3 4
TAUGAVILLE	0440	AUTAUGA	ALABAMA	32 26	86 39		C		8A		8		J. B. NEIGHBORS	2 3
Y MINETTE	0583	BALDWIN	GULF	30 53	87 47	268	C	7P	7P	24	30		GROVER W. WOODWARD	2 3 5
ATRICE	0616	MONROE	ALABAMA	31 44	87 13		C		7A		7		W. P. DUNN	2 3
LGREEN	0631	FRANKLIN	TENNESSEE	34 28	87 52	910	C		MID		13		TVA-43	2 3 4
RY	0748	FAYETTE	BLACK WARRIOR	33 40	87 36		C		MID		8		MISS. CLARA R. OLIVE	2 3 4
KAR 2 MILES SE	0790	MARION	TOMBIGBEE	34 12	88 09		C		MID		3		WM. R. WHITEHEAD	2 3 4
LLINGSLEY	0823	AUTAUGA	ALABAMA	32 39	86 43		C						MRS. T. L. GALLMAN	2 3
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	BLACK WARRIOR	33 34	86 45	610	C	MID	MID	11	11		U. S. WEATHER BUREAU	2 3 4 5
BIRMINGHAM WB CITY	0836	JEFFERSON	BLACK WARRIOR	33 32	86 50	694	C	8A	8A	61	61		U. S. WEATHER BUREAU	2 3 5
BROP	0854	COLBERT	TENNESSEE	34 39	88 05	470	C		7A		11		TVA-42	2 3
AZ	957	MARSHALL	BLACK WARRIOR	34 13	86 10		C		7A		8		MILFORD H. DOOLEY	2 3 4
ANTLEY	1069	CRENSHAW	CONECUH	31 35	86 16	284	C		8A		19		R. E. HENDERSON	2 3
EWTON 3 MILES SSE	1084	ESCAMBIA	CONECUH	31 04	87 03	85	C	6P	6A	31	34		MRS. CLARA T. PEAVY	2 3 5 7
EDGEPORT	1099	JACKSON	TENNESSEE	34 57	85 43	660	C		8A		53		N. R. ATKINS	2 3
UNDIDGE	1178	PIKE	CHOCTAWHATCHEE	31 43	85 49	515	C		8A		19		GEO. L. RICKS	2 3
LEA	1288	SBELBY	COOSA	33 06	86 45	500	C		8A		49		L & N R. R. AGENT	2 3
MPBELL	1315	CLARKE	TOMBIGBEE	31 55	87 59		C		MID		8		E. DOUGLAS REID	2 3 4
RBON BILL	1377	WALKER	BLACK WARRIOR	33 54	87 32	430	C		7A		10		MISS. MARY C. RAY	2 3
INTER GROVE	1492	MORGAN	TENNESSEE	34 23	86 38	700	C		7A		14		TVA	2 3
NTREVILLE	1520	BIBB	CABABA	32 57	87 08	230	C	6P	8A	32	32		W. D. HOLLIFIELD	2 3 5 7
ILDERSBURG	1615	TALLADEGA	COOSA	33 17	86 21	540	C		6A		12		ALABAMA POWER CO.	2 3 7
TRONELLE	1685	MOBILE	GULF	31 05	88 14	331	C	6P	6P	60	61		B. O. JONES	2 3 5
ANTON	1694	CHILTON	COOSA	32 51	86 38	590	C	6P	7A	56	56		HUGH M. SIMPSON	2 3 5
AYTON	1725	BARBOUR	CHOCTAWHATCHEE	31 52	85 27	590	C		8A		21		L. L. REEDER	2 3
FFEE SPRINGS	1807	GENEVA	CHOCTAWHATCHEE	31 10	85 55	255	C		8A		26		C. B. ADKISON	2 3
LLINSVILLE	1849	DE KALB	COOSA	34 15	85 52	734	C		7A		11		MRS. S. CUNNINGHAM	2 3
LUMBIA	1865	HOUSTON	CHATTAHOOCHEE	31 18	85 06	130	C		8A		13		COY THOMPSON	2 3 7
ROVA	1940	WALKER	BLACK WARRIOR	33 46	87 11	334	C	6P	6P	28	46		MRS. C. GRESHAM	2 3 5
BA	2079	SUMTER	TOMBIGBEE	32 26	88 23	215	C		8A		9		REUBEN P. HARRIS	2 3
DEVILLE	2119	TALLAPOOSA	TALLAPOOSA	32 50	85 45	760	C		8A		36		DR. W. B. FULTON	2 3
DEVILLE NO 2	2124	TALLAPOOSA	TALLAPOOSA	32 50	85 46		C		MID		8		JAY D. LANE	2 3 4
NCY	2141	PICKENS	TOMBIGBEE	33 01	88 17	208	C		7P		43		E. F. SMITH	2 3
YTON	2188	MARENGO	TOMBIGBEE	32 21	87 39		C	6P	6P	1	9		JAMES M. CREWS	2 3 5
CATUR	2207	MORGAN	TENNESSEE	34 37	86 58	573	C	6P	8A	67	70		MRS. FRED A. TRIMBLE	2 3 5
OPOLIS	2240	MARENGO	TOMBIGBEE	32 31	87 51	100	C		7A		59		J. A. ROBERTSON	2 3 7
THAN CAA AIRPORT	2372	HOUSTON	CHOCTAWHATCHEE	31 15	85 27	322	C	MID	MID	11	31		CAA	2 3 4 5
BA	2577	COFFEE	PEA	31 25	86 04	204	C		8A		21			
ROD	2632	TUSCALOOSA	TOMBIGBEE	33 15	87 48		C		7A		9		K. V. BERRY	2 3
PAULA	2727	BARBOUR	CHATTAHOOCHEE	31 53	85 08	254	C	6P	8A	65	65		HARRY E. MAUGANS	2 3 5 7
AW LOCK NO 7	2742	GREENE	BLACK WARRIOR	32 47	87 50		C		7A		12		E. B. BOLBROOK	2 3 4
ERGREEN	2758	CONECUH	CONECUH	31 26	86 58	340	C	6P	8A	65	65		MRS. JESSIE D. GOLSON	2 3 5
IRHOPE	2813	BALDWIN	GULF	30 32	87 55	23	C	MID	6P	31	31		HAROLD F. YATES	2 3 5 6
LVILLE	2840	MORGAN	TENNESSEE	34 22	86 55	620	C		7A		10		TVA-384	2 3
LS CITY 6 MILES NW	2848	WINSTON	BLACK WARRIOR	34 04	87 20	650	C		7A		8		USFS	2 3
VETTE	2883	FAYETTE	TOMBIGBEE	33 41	87 50	359	C	6P	8A	14	23		WM. M. RILEY	2 3 5
AT ROCK	2945	JACKSON	TENNESSEE	34 46	85 41	1380	C		7A		10		TVA-387	2 3 4
DRENCE AT LOCK	2976	LAUDERDALE	TENNESSEE	34 47	87 40	450	C		7A		65		U. S. ENGINEERS	2 3 7
YT DEPOSIT	3024	LOWNDES	CONECUH	31 59	86 35	520	C				49		WM. R. FREDERICK	
RT MORGAN	3035	BALDWIN	GULF	30 14	88 01		C		MID		8		WM. H. CHANDLER	2 3 4
RT PAYNE	3043	DE KALB	COOSA	34 26	85 43	879	C		8A		7		JOHN W. PATE	2 3 4
ISCO CITY	3105	MONROE	ESCAMBIA	31 26	87 24		C		8A		19		MRS. NELIA MC KENZIE	2 3
SDEN	3151	ETOWAH	COOSA	34 01	86 00	554	C	7P	8A	63	65		G. ERNEST HOLCOMB	2 3 5 7
INESVILLE	3160	SUMTER	TOMBIGBEE	32 49	88 09	130	C		7A		12		FRANK J. FIELDS	2 3 7
RDEN CITY	3200	CULLMAN	BLACK WARRIOR	34 00	86 44		C		7A		8		MRS. G. M. KENZIE	2 3 4
NEVA	3255	GENEVA	CHOCTAWHATCHEE	31 02	85 52	107	C	6P	7A	11	24		REBECCA CAMPBELL	2 3 5 7
OWATER	3398	COOSA	COOSA	33 04	86 03	826	C	6P	8A	56	56		MRS. W. M. SELMAN	2 3 5
RGAS	3430	WALKER	BLACK WARRIOR	33 49	87 13	300	C		6A		12		ALABAMA POWER CO.	2 3
ENSBORO	3511	HALE	BLACK WARRIOR	32 42	87 36	220	C	5P	8A	70	81		MRS. C. POELLNITZ	2 3 5
ENVILLE	3519	BUTLER	CONECUH	31 50	86 38	444	C	6P	8A	67	50		CECILE T. LEWIS	2 3 5
ENVILLE NO 2	3524	BUTLER	CONECUH	31 50	86 38		C		MID		8		CITY WATER PLANT	2 3 4
LF SHORES 3 MI WSW	3559	BALDWIN	GULF	30 15	87 44	10	C	6P	6P				LEWIS P. GOODWIN	2 3
WERSVILLE	3573	MARSHALL	TENNESSEE	34 21	86 18	640	C		8A		48		L. S. LONG	2 3
WERSVILLE CTY WTR	3578	MARSHALL	TENNESSEE	34 22	86 17	610	C		MID		6		TVA-403	2 3 4
WERSVILLE DAM	3583	MARSHALL	TENNESSEE	34 26	86 24	611	C		7A		13		TVA-70	2 3
LEYVILLE	3620	WINSTON	BLACK WARRIOR	34 14	87 38	947	C	6P	7A	12	12		ELMER L. SHIPMAN	2 3 4 5
MILTON	3644	MARION	TOMBIGBEE	34 08	87 59	498	C		6A		33		REX COOPER	2 3
RRISBURG 6 MILES SE	3697	PERRY	CABABA	32 48	87 11	600	C		8A		8		USFS	2 3
YNEVILLE	3748	LOWNDES	ALABAMA	32 11	86 35		C		8A		10		MAXINE E. WATSON	2 3
LENA	3783	SHELBY	CABABA	33 18	86 51	416	C		8A		36		RUDOLPH ENGLAND	2 3
CHLAND ROME	3816	CRENSHAW	CONECUH	31 57	86 19	594	C	5P	5P	57	57		LUKE JORDAN	2 3 5

## STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REF. TO TABL.
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
HIGHTOWER	3842	CLEBURNE	TALLAPOOSA	33 32	85 24		C		8A		5		MRS. EARL LINDSEY	2 3
HODGES	3899	FRANKLIN	TOMBIGBEE	34 20	87 56		C		6A		11		FRANK L. HAYNES	2 3
HUNTSVILLE	4068	MADISON	TENNESSEE	34 42	86 35	610	C	MID	MID	10	25		U. S. WEATHER BUREAU	2 3 4 5
HYTOP	4099	JACKSON	TENNESSEE	34 54	86 05	1500	C		7A		14		TVA-78	2 3
JACKSON SHOALS	4198	TALLADEGA	COOSA	33 32	86 12	475	C		8A		12		ALABAMA POWER CO.	2 3
JACKSONVILLE	4209	CALHOUN	COOSA	33 49	85 45		C		MID		6		FLOY E. OWEN	2 3 4
JORDAN DAM	4306	ELMORE	COOSA	32 37	86 15	290	C		6A		12		ALABAMA POWER CO.	2 3
LA FAYETTE	4502	CHAMBERS	TALLAPOOSA	32 56	85 25	830	C	6P	6P				J. B. MERRITT	2 3 4
LAY DAM	4603	COOSA	COOSA	32 58	86 31	420	C		6A		12		ALABAMA POWER CO.	2 3 4
LEEDS	4619	JEFFERSON	CAHABA	33 33	86 33	636	C		8A		32		MRS. MARY K. LEE	2 3
LEESBURG	4627	CHEROKEE	COOSA	34 11	85 46	589	C		7A		56		RUFUS M. SEWELL	2 3
LIVINGSTON	4798	SUMTER	TOMBIGBEE	32 35	88 11	160	C	6P	6P	50	46		PROF. E. J. MURPHEY	2 3 5
LOCKHART	4822	COVINGTON	GULF	31 01	86 22	290.	C	8A	8A	11	11		H. C. YOUNG	2 3 5
LOCK NO 1	4830	CLARKE	TOMBIGBEE	31 33	88 01	11	C		7A		25		U. S. ENGINEERS	2 3 4 7
LOCK NO 2	4835	CHOCTAW	TOMBIGBEE	32 08	88 02	23	C		7A		25		U. S. ENGINEERS	2 3 7
LOCK NO 3	4840	CHOCTAW	TOMBIGBEE	32 17	88 01	33	C		7A		25		U. S. ENGINEERS	2 3 7
LOCK NO 4	4845	TALLADEGA	COOSA	33 38	86 11	510	C	5P	7A	53	57		U. S. ENGINEERS	2 3 5 7
LOCK NO 17	4855	TUSCALOOSA	BLACK WARRIOR	33 29	87 20	280	C		7A		10		U. S. ENGINEERS	2 3
MADISON	4976	MADISON	TENNESSEE	34 42	86 45	573	C	6P	6P	55	55		HARRY F. CARTER	2 3 5
MAGELLA	4996	JEFFERSON	CAHABA	33 30	86 51	654	C		6A		12		ALABAMA POWER CO.	2 3
MAGNOLIA	5004	MARENGO	ALABAMA	32 08	87 39		C		MID		6		DR. T. H. GAILLARD	2 3 4
MARION 1 MILE SSE	5108	PERRY	CAHABA	32 37	87 18	263	C		8A		57		O. MYRON HOLIFIELD	2 3 4
MARION JUNCTION	5116	DALLAS	CAHABA	32 26	87 14	204	C		8A		11		MRS. MARGARET SMITH	2 3 7
MARTIN DAM	5140	TALLAPOOSA	TALLAPOOSA	32 40	85 55	340	C		6A		24		ALABAMA POWER CO.	2 3
MAXWELL FIELD	5202	MONTGOMERY	ALABAMA	32 25	86 25	165	C	MID	MID	15	15		U. S. ARMY AIR FORCES	2 3 5
MELVIN	5354	CHOCTAW	TOMBIGBEE	31 56	88 27		C		7A		8		JOHN R. LAND	2 3
MERTZ 3 MILES E	5382	BIBB	CAHABA	32 53	87 20	600	C		8A		8		USFS	2 3
MIDWAY	5397	BULLOCK	CHATTAHOOCHIEE	32 04	85 32		C		MID		8		MATHEW W. HALL	2 3 4
MILLERS FERRY	5417	WILCOX	ALABAMA	32 06	87 22	78	C		8A		18		NORMAN D. WILLIAMS	2 3 7
MILLYR	5427	WASHINGTON	TOMBIGBEE	31 38	88 19	362	C	6P	6P		24		MARDIS M. BLOUNT	2 3 5
MILSTEAD	5439	MACON	TALLAPOOSA	32 27	85 54	206	C		8A		48		T. C. CARR	2 3 7
MITCHELL DAM	5465	CHILTON	COOSA	32 48	86 27	350	C		6A		12		ALABAMA POWER CO.	2 3
MOBILE WB AIRPORT	5478	MOBILE	GULF	30 41	88 12		C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MOBILE WB CITY	5483	MOBILE	GULF	30 42	88 02	10	C	MID	MID	77	78		U. S. WEATHER BUREAU	2 3 4 5
MONTE SANO	5529	MADISON	TENNESSEE	34 45	86 31	1650	C		7A		9		TVA-530	2 3
MONTEVALLO	5537	SHELBY	CAHABA	33 06	86 53	462	C		8A		8		M. P. JETER	2 3
MONTGOMERY WB AIRPORT	5550	MONTGOMERY	ALABAMA	32 18	86 23	198	C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MONTGOMERY WB CITY	5555	MONTGOMERY	ALABAMA	32 23	86 18	201	C	MID	MID	77	77		U. S. WEATHER BUREAU	2 3 4 5
MOULTON	5625	LAWRENCE	TENNESSEE	34 29	87 17	630	C		MID		10		TVA-381	2 3 4
MOUNDVILLE	5633	HALE	TOMBIGBEE	32 57	88 27		C						USFS	2 3
MUSCLE SROALS	5749	COLBERT	TENNESSEE	34 44	87 36	540	C	MID	MID	59	65		CAA	2 3 5
NEW BROCKTON	5842	COFFEE	CHOCTAWHATCHEE	31 23	85 56		C		MID		8		E. EARL BOYETT	2 3 4
NEW MARKET	5862	MADISON	TENNESSEE	34 54	86 26	725	C		7A		6		TVA-624	2 3
NEWTON	5875	DALE	CHOCTAWHATCHEE	31 20	85 37	216	C		10A		33		FURN WYNN	2 3 7
ONONTA	6121	BLOUNT	BLACK WARRIOR	33 57	86 30	857	C	6P	7A	38	47		L. E. SELLERS	2 3
ORRVILLE	6161	DALLAS	ALABAMA	32 18	87 14	200	C		8A		8		EDWARD B. WARREN	2 3
OZARK	6218	DALE	CHOCTAWHATCHEE	31 23	85 39	400	C	4P	7A	47	59		MRS. MARY E. SCOTT	2 3 5
PAINT ROCK	6226	JACKSON	TENNESSEE	34 40	86 20	610	C		MID		13		TVA-69	2 3 4
PALMERDALE	6246	JEFFERSON	CAHABA	33 44	86 39		C		10A		1		ROBERT P. STORES	2 3
PERRYVILLE	6362	PERRY	CAHABA	32 37	87 08		C		8A		7		MRS. GERTRUDE GREEN	2 3
PETERMAN	6370	MONROE	ALABAMA	31 35	87 16		C		MID		8		MRS. MINTA EDDINS	2 3 4
PICKENSVILLE	6414	PICKENS	TOMBIGBEE	33 13	88 16		C		7A		8		MRS. DORA I. CLAY	2 3
PINE HILL	6460	WILCOX	ALABAMA	31 59	87 36	110	C		8A		8		AUBREY T. WEATHERLY	2 3
PINE LEVEL	6468	MONTGOMERY	CONECUH	32 04	86 04		C		7A		9		C. W. ADAMS	2 3
PLANTERSVILLE	6508	DALLAS	ALABAMA	32 39	86 56		C		8A		9		O. W. BURNES	2 3
PLEASANT BILL	6526	DALLAS	ALABAMA	32 09	86 58		C		MID		4		CHARLES M. HENRY	2 3 4
PRATTVILLE	6640	AUTAUGA	ALABAMA	32 28	86 28	281	C	6P	6P	50	47		A. L. POWELL	2 3 5
PRIMROSE FARM	6684	MONTGOMERY	ALABAMA	32 20	86 15	180	C		8A		28		W. E. ELSBERRY	2 3
PUSHMATAHA	6719	CHOCTAW	TOMBIGBEE	32 12	88 21		C	6P	6P	58	58		MRS. JANIE C. BROWN	2 3 5
REFORM	6847	PICKENS	TOMBIGBEE	33 23	88 01		C		7A		11		W. M. MC DONALD	2 3
RIVER FALLS	6937	COVINGTON	CONECUH	31 21	86 32		C		8A		21		JOHN R. BRADLEY	2 3 7
RIVER FALLS 2 MILES NE	6942	COVINGTON	CONECUH	31 23	86 33		C		MID		5		ALABAMA ELECTRIC CO.	2 3 4
ROBERTSDALE 7 MILES E	6988	BALDWIN	GULF	30 33	87 48	148	C	6P	6P	19	37		CARL BOSECK	2 3 5
ROCK MILLS	7025	RANDOLPH	CHATTAHOOCHIEE	33 09	85 18	745	C	5P	7A	14	18		JAMES B. BAILEY	2 3 5
SAINT BERNARD	7157	CULLMAN	BLACK WARRIOR	34 12	86 47	802	C	6P	7A	42	42		FR. FREDERICK SMITH	2 3 5
SAVRE	7282	JEFFERSON	BLACK WARRIOR	33 43	86 58	304	C		7A		11		DORA R. WEBSTER	2 3
SCOTTSBORO	7304	JACKSON	TENNESSEE	34 41	86 02	652	C	6P	7A	66	67		MRS. KINZIE BOBO	2 3 5
SEALE 7 MILES WNW	7328	RUSSELL	CHATTAHOOCHIEE	32 18	85 17	358	C		8A		24		B. G. BUSB	2 3
SELMA	7366	DALLAS	ALABAMA	32 25	87 00	147	C	6P	8A	69	69		W. C. ROBINSON	2 3 5 7
SBEFFIELD TVA NRSY	7415	COLBERT	TENNESSEE	34 46	87 42	505	C		7A		14		TVA-49	2 3
SLOCUMB	7576	GENEVA	CHOCTAWHATCHEE	31 06	85 35		C		6A		1		PATRICK B. SMITH	2 3
SNOW RILL	7620	WILCOX	ALABAMA	32 00	87 01	225	C		7A		11		MRS. EVA R. RAY	2 3
SOUTH BILL	7671	DE KALB	TENNESSEE	34 24	86 02	990	C		7A		13		TVA-75	2 3
SPRING BILL	7733	MOBILE	GULF	30 42	88 10	175	C	9A	9A	36	37		HAMLIN B. TIPPINS	2 3
SWAIM	7968	JACKSON	TENNESSEE	34 53	86 13	665	C		7A		10		TVA-385	2 3
SYLACAUGA	7994	TALLADEGA	COOSA	33 10	86 13	548	C		8A		13		ALABAMA POWER CO.	2 3
SYLVANIA	8012	DE KALB	TENNESSEE	34 34	85 49	1400	C		7A		10		TVA-386	2 3
TALLADEGA	8024	TALLADEGA	COOSA	33 26	86 06	554	C	6P	6P	59	60		C. D. WEAVER	2 3 5
THOMASVILLE	8178	CLARKE	TOMBIGBEE	31 55	87 45	385	C	6P	7A	57	58		MRS. MINNIE DEATON	2 3 5
THORSEY 1 MILE SW	8204	CHILTON	ALABAMA	32 54	86 44		C		MID		5		SCS	2 3 4
THURLOW DAM	8215	ELMORE	TALLAPOOSA	32 32	85 54	288	C		6A		12		ALABAMA POWER CO.	2 3
TIBBIE	8223	WASHINGTON	TOMBIGBEE	31 22	88 15	226	C		8A		9		MISS. DOROTHY TAYLOR	2 3
TONEY	8259	MADISON	TENNESSEE	34 54	86 44	750	C		MID		7		TVA-506	2 3 4
TRAFFORD	8285	JEFFERSON	BLACK WARRIOR	33 49	86 44		C		7A		7		MRS. M. JOHNSON	2 3 4
TROY	8323	PIKE	PEA	31 49	85 58	590	C	8A	8A	41	53		THOMAS J. DILLARD	2 3 4 5
TUSCALOOSA AIRPORT	8380	TUSCALOOSA	BLACK WARRIOR	33 14	87 37	170	C	MID	MID	68	70		CAA	2 3 4 5
TUSCALOOSA LOCK & DAM	8385	TUSCALOOSA	BLACK WARRIOR	33 13	87 35	152	C		7A		22		U. S. ENGINEERS	2 3 7



## STATION INDEX — Continued

ALABAMA  
AUGUST 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
KEEGEE	8398	MACON	TALLAPOOSA	32 24	85 42	459	C	5P	5P	50	50		W. T. THOMPSON	2 3 5
ON SPRINGS	8438	BULLOCK	CONECUH	32 08	85 44	485	C	6P	8A	62	82		MRS. DOROTHY SMITH	2 3 5
ONTOWN	8446	PERRY	ALABAMA	32 27	87 31	273	C		8A		40		MISS. MARY MARTIN	2 3
IVERSITY	8454	TUSCALOOSA	BLACK WARRIOR	33 12	87 33	225	C	MID	MID	68	70		DR. F. H. MITCHELL	2 3 5
LEY HEAD	8469	DE KALB	COOSA	34 34	85 36	1031	C	6P	8A	64	64		MRS. CARRIE DALBY	2 3 5
CE	8477	TUSCALOOSA	CAHABA	33 10	87 13		C		7A		8		WM. F. VANCE	2 3
NON	8517	LAMAR	TOMBIGBEE	33 45	88 07	180	C		MID		8		G. C. MOORE, JR.	2 3 4
LEY	8605	RANDOLPH	TALLAPOOSA	33 08	85 34	640	C		6A		15		ALABAMA POWER CO.	2 3
LACE	8637	ESCAMBIA	CONECUH	31 12	87 14		C		8A		8		MRS. RUBY SOWELL	2 3
NUT GROVE	8648	ETOWAH	BLACK WARRIOR	34 04	86 19	850	C		7A		7		MRS. FLORENCE PARKER	2 3
ERLOO	8686	LAUDERDALE	TENNESSEE	34 55	88 04	445	C		7A		52		HORACE E. PYBURN	2 3
ST BLOCTON	8809	BIBB	CAHABA	33 07	87 07		C		8A		8		RUPERT M. BEARDEN	2 3
PUMPKA	8859	ELMORE	COOSA	32 32	86 12	205	C	6P	6A	53	57		MRS. D. R. WHITAKER	2 3 5 7
ATLEY	8867	CLARKE	TOMBIGBEE	31 39	87 43		C		7A		9		LEONARD L. COLEMAN	2 3
ELER DAM	8875	LAWRENCE	TENNESSEE	34 47	87 21	580	C		7A		13		TVA-52	2 3
FIELD 2 MILES SW	8998	FAYETTE	TOMBIGBEE	33 56	87 49	468	C		7A		15		W. W. COTNEY	2 3
ES HYDRO PLANT	9103	ELMORE	TALLAPOOSA	32 34	85 54	335	C		6A		58		ALABAMA POWER CO.	2 3

## REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24-hours ending at time of observation. See the Station Index for observation time.

- No record.

+ And also on later dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

6M No recording gage, precipitation measured at 7:30 a.m. EST, 1:30 p.m. EST, 7:30 p.m. EST and midnight local time.

6X Daily totals are for the 24 hours ending at 12:30 a.m. CST of the following day.

M One or more days of record missing; see Table 5 for detailed daily record.

R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.

T Trace, an amount too small to measure.

Z Hourly amounts from recording gage at the same site may be found in Table 4.

Data in Table 4 were formerly published in the Hydrologic Bulletins for Ohio River and South east Districts. Amounts in this table are from recording gages. Traces are not shown.











U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

ALABAMA

SEPTEMBER 1948

Volume LIV No. 9



#### ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

## ALABAMA - SEPTEMBER, 1948

E. D. Emigh, Section Director - Montgomery

### General Summary

Rainfall during September this year, for the State as a whole, averaged 27% more than the normal, and, considering the time of year, the rains were well distributed. The most unfavorably dry area was over Dallas, Lowndes, Marengo, and Wilcox Counties, where the totals for most stations were less than 3 inches, and where showers during the preceding month of August were much below the requirements for satisfactory growth of summer vegetation.

Temperature means in all 3 divisions were more than 2 degrees below normal, making the temperature for the month on the mild side. Only 2 stations reported maximum temperatures as high as 100°, but since these readings were recorded on the 1st, the temperatures actually occurred on the last day of August. It was slightly warmer than normal on the 8th and 9th, and again from the 21st to the 23d. Day time temperatures on the 4th and 27th were exceptionally low.

Although there was more than normal rainfall, most of it in the Northern and Middle Divisions fell on bunched dates early in the month and around the 27th and 28th, so that conditions most of the time were ideal for cotton picking and other harvesting operations such as hay cutting. By the end of the month, most early peanuts had been saved, a portion of the corn crop gathered, and some sweet potatoes dug. The rains during the last week revived pastures and furnished moisture for the germination of early planted oats, legumes, and fall vegetables, and conditioned the soil for further plantings of these crops.

There were no floods, and no severe local wind or hail storms were reported. -FCP

### TEMPERATURE

The monthly mean temperature for the State, determined from the records of 60 stations, was 71.5°, or 2.2° below the normal. The highest local monthly mean was 76.0° at Gulf Shores; the lowest was 70.2° at Valley Head. The highest temperature recorded was 101° at Frisco City for the 24 hours ending on the 1st; the lowest was 43° at Valley Head on the 24th, making the monthly range for the State 58°.

### PRECIPITATION

The monthly average for the State, determined from the records of 60 stations, was 4.67 inches, or 1.33 inches more than the normal. The greatest monthly amount was 14.82 inches at Port Morgan; the least was 2.19 inches at Hayneville. The greatest amount of precipitation in any observational day was 4.64 inches at Eufaula measured on the morning of the 5th. Precipitation amounting to 0.01 inch or more fell on an average of 7 days.



PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
ANNISTON WB AIRPORT	30.40	17	29.60	22	-	-	-	-	91	92	54	76	-	6
BIRMINGHAM WB AIRPORT	30.35	17	29.59	22	7.5	37	E	4	83	88	54	65	61	4
MOBILE WB CITY	30.24†	17	29.57†	4	7.8	34	S	4	88†	91†	63†	77†	52	1
MONTGOMERY WB CITY	30.31†	17	29.56†	23	6.4	20	SE	4	87†	90†	54†	68†	70	3
† AIRPORT DATA														

TABLE 1  
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1884	77.9	97	45	0.64		2	1919	75.3	100	44	0.77		2
1885	74.3	95	40	5.35		11	1920	77.0	99	34	3.31		6
1886	76.0	95	42	1.61		5	1921	81.2	102	53	2.73		7
1887	74.6	104	39	3.34		4	1922	77.5	102	45	1.51		5
1888	71.7	90	35	4.76		9	1923	76.3	96	46	1.21		4
1889	73.3	100	36	4.04		6	1924	72.9	99	30	3.41		8
1890	73.7	97	48	6.25		12	1925	83.5	112	59	2.71		6
1891	73.8	95	46	1.96		5	1926	79.4	99	54	5.42		6
1892	72.0	97	37	3.20		4	1927	77.8	105	36	1.43		3
1893	74.8	100	40	4.47		7	1928	73.7	98	36	2.92		6
1894	75.5	96	45	2.58		6	1929	74.7	98	43	5.85		11
1895	78.5	101	34	1.46		5	1930	77.0	101	42	6.38		12
1896	76.0	104	35	1.76		4	1931	79.7	106	42	1.25		4
1897	75.7	102	33	0.65		2	1932	75.0	100	45	4.80		8
1898	75.5	100	48	3.81		6	1933	79.6	102	41	2.30		6
1899	72.9	104	30	0.67		2	1934	75.1	99	48	2.02		6
1900	77.9	100	46	4.01		4	1935	75.2	99	40	2.35		5
1901	72.4	95	39	4.08		6	1936	78.5	100	46	2.80		7
1902	73.4	97	34	4.24		8	1937	73.7	97	40	3.96		7
1903	73.4	102	35	1.49		3	1938	75.3	102	39	1.40		4
1904	77.0	104	40	1.34		4	1939	77.3	101	50	3.92		7
1905	76.3	102	46	2.57		6	1940	73.7	100	36	1.47		3
1906	78.5	100	58	8.42		14	1941	78.2	101	43	2.76		6
1907	75.0	104	42	5.41		9	1942	73.4	99	35	4.08		7
1908	74.5	101	33	2.33		5	1943	72.7	98	38	4.40		8
1909	75.1	101	35	2.82		7	1944	76.5	103	48	4.79		8
1910	77.5	101	45	2.21		6	1945	78.3	102	50	3.46		8
1911	80.4	105	52	2.32		6	1946	73.4	98	45	6.08		9
1912	77.1	103	46	4.70		9	1947	76.9	102	37	2.61		6
1913	73.2	103	34	6.95		11	1948	73.5	101	43	4.67		6
1914	73.1	100	42	4.69		8	Period	75.6	112	30	3.36		
1915	76.6	102	40	4.43		5							
1916	73.7	100	35	2.18		6							
1917	73.1	98	40	6.42		7							
1918	70.1	97	34	4.26		7							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

**TABLE 2**  
**CLIMATOLOGICAL DATA**

ALABAMA  
SEPTEMBER 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE 32°	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
NORTHERN DIVISION																		
BERTVILLE	71.0	- 1.7	92	23	50	25+	5		3.34	0.17	1.89	27	.0					
WINSTON	71.8	- 2.3	92	21	50	24	6		3.31	- 0.36	1.58	27	.0			5	3	2
WINSTON WB AIRPORT	71.4	-	92	22	48	24	6		3.13	-	1.45	27	.0			5	3	2
BIRMINGHAM WB AIRPORT	72.5	- 0.7	94	22	50	24	6		3.63	0.25	1.57	27	.0			7	3	1
BIRMINGHAM WB CITY	74.7	- 0.1	96	1+	52	24	13		3.97	0.59	2.57	28	.0			9	2	2
BRIDGEMOOR	72.5	- 1.9	96	23	46	24	13		4.67	2.08	3.00	28	.0			7	5	1
CLARKSVILLE	72.7	- 1.4	93	4+	53	24+	9		3.21	0.84	0.98	28	.0			8	4	
CLAYTON	71.4	-	97	1	45	24	12		4.09	1.10	2.16	28	.0			7	3	1
CLARKSDEN	71.2	- 3.8	94	22	50	23	7		4.72	1.71	2.48	28	.0			8	3	2
CLARKSBURG	72.2	- 3.3	92	1	55	24	3		4.29	1.52	1.67	28	.0			4	3	3
CLAYTONVILLE	72.0	-	92	2	50	27	6		4.78	-	1.93	28	.0			6	3	3
CLARKSVILLE	70.8	-	93	22	50	25+	6		2.46	- 0.50	1.09	28	.0			9	3	1
CLARK NO 4	71.9M	- 3.0	93	1	51	24	3		3.96	0.97	1.94	28	.0			4	3	2
CLARKSON	71.1	- 3.6	93	23	47	26	11		3.05	0.04	1.03	28	.0			8	5	1
CLARKS SHOALS	71.8	- 2.2	93	22	51	30	9		4.84	1.99	2.04	6	.0			6	4	2
CLARKSVILLE	71.2	- 1.2	93	23	45	24	9		4.13	1.16	2.55	28	.0			4	3	1
CLARK MILLS	72.7	-	98	1	53	25	10		5.07	2.38	2.19	28	.0			6	5	3
CLARK BERNARD	71.1	- 2.3	93	23	48	24	10		3.25	0.46	1.30	28	.0			9	4	1
CLARKSBORO	72.4	- 0.3	96	23	52	23	13		3.30	0.46	1.25	28	.0			5	4	1
CLARKDEGA	72.2	- 2.9	94	23	49	24	9		3.06	0.05	1.65	28	.0			3	3	1
CLARKLOOSA AIRPORT	73.2	- 3.1	95	8+	52	30	12		3.65	0.82	1.01	27	.0			9	5	2
CLARKSVITY	73.8	- 2.5	95	22	54	24+	12		2.96	0.13	1.13	4	.0			9	3	1
CLARK HEAD	70.2M	- 2.1	90	23	43	24	1		3.31	0.76	1.50	28	.0			5	3	1
DIVISION	72.0	- 2.1							3.75	0.86								
MIDDLE DIVISION																		
CLARKSVILLE CTY 6 MI NE	72.7M	-	92	9	50	26			4.80	-	2.70	4	.0			2	2	2
CLARKSVILLE	72.5	- 3.6	95	1	53	26	6		5.24	2.14	2.74	28	.0			11	3	2
CLARKSVILLE	75.1	- 1.1	98	1	51	25	15		4.33	1.37	1.25	28	.0			9	4	1
CLARKSVILLE	-	-	98	1	52	27	3		3.07	0.08	1.41	5	.0			7	3	2
CLARKSVILLE	73.4M	-	94	1+	50	29	9		5.02	-	1.42	5	.0			7	5	2
CLARKSVILLE	75.2	- 1.1	97	1	54	26	8		8.87	5.42	4.64	5	.0			9	2	2
CLARKSVILLE	74.8	- 1.3	99	1	55	24+	14		3.87	0.79	1.40	4	.0			9	3	2
CLARKSVILLE	74.4	- 2.3	96	1	54	29	4		4.22	0.90	1.11	5	.0			9	5	1
CLARKSVILLE HOME	73.9	- 2.8	95	1	55	26+	7		2.23	- 0.94	1.20	4	.0			4	3	1
CLARKSVILLE	73.2	- 2.2	94	1+	52	27+	9		3.28	0.86	1.46	4	.0			8	3	1
CLARKSVILLE FIELD	75.2	-	95	9	58	29	8		2.95	-	1.34	4	.0			9	2	2
CLARKSVILLE WB AIRPORT	74.6	-	96	22	56	29	12		3.29	-	2.04	4	.0			8	2	1
CLARKSVILLE WB CITY	75.0	- 1.3	93	9+	58	29	5		3.13	0.14	1.78	27	.0			8	2	2
CLARKSVILLE	74.0	- 1.8	93	8+	55	29	6		4.15	0.95	1.50	5	.0			5	4	2
CLARKSVILLE	74.3M	- 1.7	96	1+	53	25	6		-	-	-		.0					
CLARKSVILLE	-	-	96	1			7		4.43	1.70	1.25	10	.0			7	4	3
CLARKSVILLE	74.0	- 2.5	97	1	53	29	9		4.16	0.82	1.17	5	.0			10	4	2
CLARKSVILLE	74.2	- 3.1	95	1	56	26	6		6.84	2.58	3.83	28	.0			7	4	2
CLARKSVILLE	73.9M	- 3.4	94	9+	52	26	10		1.35	- 1.10	1.20	27	.0			3	1	1
CLARKSVILLE SPRINGS	74.4	- 1.9	95	1	55	26	4		5.82	3.07	2.80	28	.0			5	3	2
CLARKSVILLE	74.6	- 2.9	97	1	58	24+	8		3.50	0.53	1.92	28	.0			6	3	1
DIVISION	74.2	- 2.3							4.23	1.15			.0					
SOUTHERN DIVISION																		
CLARKSVILLE	74.7	-	93	9+	56	30	7		4.63	-	2.59	5	.0			8	5	1
CLARKSVILLE STATE FARM	74.9	-	97	1	54	30	10		4.95	-	1.47	15	.0			8	5	3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

ALABAMA  
SEPTEMBER 1948

TABLE 2 — Continued  
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
BAY MINETTE	74.8	- 2.6	94	1+	52	28	10		5.09	- 1.41	1.68	15	.0			8	6	2
BREWTON 3 MILES SSE	73.6	- 3.4	95	1	51	29	8		7.53	- 2.93	1.69	5	.0			10	8	3
CITRONELLE	74.8	- 3.1	92	9	55	29	5		4.97	0.07	2.41	14	.0			10	5	1
DOTHAN CAA AIRPORT	74.8	-	95	9	55	29	8		4.59	- 0.57	1.96	4	.0			10	4	2
EVERGREEN	74.6	- 2.7	100	1	53	29	10		3.94	0.02	2.00	5	.0			7	5	1
FAIRHOPE	75.6	- 2.6	92	23	55	29	8		8.59	2.40	2.81	4	.0			10	7	2
FRISCO CITY	74.4	-	101	1	52	29+	10		5.29	1.66	1.29	1	.0			11	6	2
GENEVA	75.6	-	97	1	54	29	10		5.52	1.24	2.97	28	.0			8	5	2
GULF SHORES 3 MILES WSW	76.0	-	94	24	58	29	6		13.27	-	4.15	4	.0			12	8	4
LOCKHART	75.8	-	96	1	55	29	8		4.95	-	1.50	5	.0			9	4	3
MILLRY	73.5	- 2.1	95	1+	52	27+	11				1.70	14	.0					
MOBILE WB AIRPORT	74.6	-	92	8+	54	29	4		7.56	-	2.96	4	.0			10	6	3
MOBILE WB CITY	75.8	- 2.3	90	1+	60	27+	7		7.26	2.26	2.60	4	.0			11	6	2
OZARK	74.8	- 2.7	96	1	55	29	8		4.51	0.34	2.00	5+	.0			7	3	2
ROBERTSDALE 7 MILES E	74.6	-	91	1+	55	29	6		7.98	1.45	3.76	4	.0			9	6	3
SPRING HILL	74.8M	- 3.0	92	10	57	29	4		8.66	3.21	4.42	4	.0			11	4	3
DIVISION	74.9	- 2.5							6.43	1.76			.0					
STATE	73.5	- 2.2							4.67	1.33			.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX



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# TABLE 3 — Continued

## DAILY PRECIPITATION

ALABAMA  
SEPTEMBER 1948

STATION		DAY OF MONTH																															TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAGNOLIA	R			.16	1.30					.08		.10	.29	.10										.01				.85					2.89
MARION 1 MI SSE	Z				1.02	1.06				.11			.22															.59					3.00
MARION JUNCTION				.89	.78					.06	.06			.10	.03													.10	.73				2.78
MARTIN DAM				.31	1.58					.40	.08			T															2.32				4.69
MAXWELL FIELD			.04	1.34	.02				.01	.10			.02	.05														1.28	.09				2.95
MELVIN				.92	.99					.09	.14		.41	1.14	.03														1.89	.03			5.44
MIDWAY			.10	2.82	.20					.09																		3.20	.05				6.46
MILLERS FERRY				.89	.38					.04			.13	.24															.79				2.47
MILLY				-	-					.10			.30	1.70															.40				-
MILSTEAD				.58	1.98					.16	.06			T															2.09				4.85
MITCHELL DAM				.55	1.18																									1.52			3.26
MOBILE WB AIRPORT		.02	T	1.02	2.96					.27	.09	.92	1.23	.90	T												.04	.11				7.56	
MOBILE WB CITY	Z	.14	.36	.98	2.60					.06	.05	.77	1.52	.69													.01	.08		T		7.26	
MONTE SANO					.69	.13	.46			.25	.02																	.09	1.24	.06		2.94	
MONTEVALLO					1.22						.20																		1.34			2.76	
MONTGOMERY WB APT			.08	2.04	.01					.13	.08			.03	.08														.84	T		3.29	
MONTGOMERY WB CITY	Z		.07	1.10	.03					.02	.04			T	.05													1.78	.04			3.13	
MOULTON	// R			.29	.43	1.38	.08			.05	.08																	1.44	.10	.02		3.88	
MUSCLE SHOALS				.97	.13	2.04				.07	T																	.47	1.16			4.84	
NEW BROCKTON	R	.62		.10	1.56					.09	.08			.35														.90			.10	3.78	
NEW MARKET					.43	1.10	.85			.20																			.92			3.50	
NEWTON		.02		.05	1.95										.08														.02	1.98			4.10
ONTONTA					.99		.15			.44																			2.55			4.13	
ORRVILLE				.31	1.50																								.07	1.48			3.36
OZARK				.13	2.00						.05			.02	.30													.01	2.00			4.51	
PAINT ROCK	R			1.15	.21	.50	.03		.82	.02																		.78	.30		.05	3.84	
PERRYVILLE				1.42	.85					.14			.03															.39	1.04			3.87	
PETERMAN	R		.22	1.48						.15			.47	.02														.15				2.49	
PICKENSVILLE					1.50					.25				.24															.82	.20		3.01	
PINE BELL		.23		.54	1.00								1.04	.41															.85			4.07	
PINE LEVEL				.38	1.68						.24																		3.10			5.48	
PLANTERSVILLE				1.10	.25					.10	.20			.08	.10													.10	1.25			3.18	
PLEASANT HILL	R		*	*	*	*	*	*	*	2.15																						-	
PRATTVILLE				1.10	1.50					.22																			.93	.40			4.15
PRIMROSE FARM				*	.89					.04	.06			.07														T	1.96	T		3.02	
PUSHMATAHA				*	3.60					.13			.84	.30																			-
REFORM				.06	2.05					.21			.42																.05	1.30	.25	T	4.34
RIVER FALLS				.84	2.54					.21	.13		.17																.58				4.47
ROBERTSOALE 7 MI E		.35		3.76	.10					1.01		.53	.67	1.52														.02	.02			7.98	
ROCK MILLS				.37	1.22	1.01				.25																			2.19	.03			5.07
SAINT BERNARD				.13	.70	.05	.20			.52	.02																	.08	1.30	.25		3.25	
SAYRE				.16	.73	.03				.27	.09																		3.10	.06	.02		4.46
SCOTTSBORO					.60		.52			.88																			1.25	.05			3.30
SEALE 7 MILES WNW				*	3.83					.10																			2.88				6.81
SILMA			1.00	.80						1.25	.08			.03														.03	1.24				4.43
SHEFFIELD TVA NRBY					.97	1.33	.97			.24																		T	1.83	.02			5.36
SLOCUMB	.98				1.65					.19	.10		.08	.12	.23														1.37			4.33	
SNOW HILL				1.11	.29					.19																.03	*	.81					2.63
SOUTH HILL				.88	.51		.04			1.43																		.14	1.68	.02		4.71	
SPRING BELL	.11	T	.12	4.42	.03					.21	.04	1.05	1.72	.78														.12	.06			8.66	
SWAIN					.68	.37	.24			.91																			1.02	.04		3.26	
SYLACAUGA				.92	.42					.12	.08																		1.64				3.18
SYLVANIA				.09	.92	.22	.02			.78	.02																		1.51	.05		3.62	
TALLADEGA				.42	.99																								1.65				3.06
THOMASVILLE	.07			.58	1.17					.21	.12		.23	.60	.09														1.07		.02	4.16	
THORSBY 1 MI SW	R		.04	1.36					.20	.08				.03														.84	.17			2.82	
TEURLOW DAM				.32	1.76					.03				.02																			

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# TABLE 4 — Continued

## HOURLY PRECIPITATION

ALABAMA  
SEPTEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOULTON //									.05	.01		.07	.02	.07	.06	.07	.14	.12	.10	.24	.29	.11	.06	.03	1.44
MUSCLE SHOALS 6M																									.47
NEW BROCKTON					.02	.02	.01	.02	.08	.05	.09	.04	.04	.07	.02	.16	.18	.09	.01	*	*	*	*	*	.90
PAINT ROCK			.01	.01														.10	.03	.17	.02	.18	.23	.03	.78
PETERMAN													.14	.01											.15
PLEASANT HILL	-	-	-	-	-	-	-	-	-	-	.10	.18	.28	.09					.02						-
THORSEY 1 MILE SW									.02		.01	.02	.05	.07	.09	.14	.08	.07	.10	.15	.04	.01	.03	.06	.94
TONEY //				.05																					.96
TROY							.05		.28	.32	.34	.05	.14	.57	.45	.40	.49	.54	.29	.03					3.95
TUSCALOOSA AIRPORT 6M							*	*	*	*	*	*	.22	*	*	*	*	*	.24	*	*	*	*	*	1.01
UNIVERSITY									.01	.07	.10	.02	.02	.05	.04	.05	.02	.07	.08	.13	.16	.02	.04	.01	.89
VERNON										.01	.02	.10	.03		.01	.01	.15	.23	.21	.04	.11	.15	.11	.03	1.21
-28th-																									
ABBEVILLE	.03	.03	.01																						.07
ADDISON	.40	.30	.25	.14	.03	.01	.03	.01	.02		.05					.01						.02	.02		1.29
ANNISTON WB AIRPORT 6M	*	*	*	*	*	*	.24	*	*	*	*	*	.01												.25
ASHLAND //	.10	.10	.03	.04	.01	.05	.01																		.34
AUBURN 4 MILES N	.07	.08	.06	.04	.02																				.27
BELGREEN	.02	.02	.08	.34	.12	.03	.02																		.63
BERRY	.01	.05	.04	.06	.03	.06	.01	.04	.01	.01	.01							.01	.01		.03	.01			.30
BEXAR 2 MILES SE	.01		.13	.04	.05	.01	.01	.01	.01	.01	.01														.35
BIRMINGHAM WB AIRPORT	.28	.19	.17	.06	.03	.01	.02		.01							.01	.01	.01	.01						.77
BOAZ	.20	.02	.09	.06	.01	.01	.01																		.44
DADEVILLE NO 2	*	*	*	*	*	*	*	*	*	*	*	1.84													*
EUTAW LOCK NO 7																.02	.02								.04
FLAT ROCK		.11	.13	.15	.02	.01																			.42
FORT MORGAN //		.01	.01	.01	.01																				.04
FORT PAYNE	.03	.13	.16	.28	.05	.03	.05					.02	.01												.78
GARDEN CITY	.01	.03	.01						.01	.01											.01	.03	.03		.14
GREENVILLE NO 2	*	*	*	*	*	*	*	*	*	*	*	.29													.99
GUNTERSVILLE REC	.25	.06	.03	.05		.06																			.45
HALEYVILLE	.05	.05	.13	.42	.10	.04	.03	.03																	.85
JACKSONVILLE //	.14	.14	.04	.24		.01	.01			.01															.59
LAY DAM	.09	.05	.04	.01	.02	.02																			.23
LOCK NO 1 //	.03			.01	.01	.01																			.03
MIDWAY	.04	.01																							.05
MONTGOMERY WB CITY	.02	.02																							.04
MOULTON //	.01	.03						.02	.01	.01	.02														.10
MUSCLE SHOALS 6M	*	*	*	*	*	*	1.12	*	*	*	*	*	.04												1.16
PAINT ROCK		.14	.02		.09		.02				.03														.30
THORSEY 1 MILE SW	.07	.06	.03	.01																					.17
TONEY //		.11	.02	.03	.04	*	.08	*	*	*	*	*	.01	*	*	*	*	*	.06						.20
TUSCALOOSA AIRPORT 6M	*	*	*	*	*	*																			.15
UNIVERSITY	.02	.03	.04				.01	.01	.01					.01	.01		.02	.06	.02		.03	.02			.16
VERNON		.01	.03	.01		.01	.01																		.23
-29th-																									
BEXAR 2 MILES SE					.01	.01		.01	.01				.01												.04
FORT PAYNE							.02		.01																.03
MOULTON //				.02					.01																.02
TONEY //	.10	.08		.03																					.21
-30th-																									
ABBEVILLE												.02	.02	.01											.05
ATMORE STATE FARM																									-
BIRMINGHAM WB AIRPORT	.01		.01																						.02
DOTHAN CAA AIRPORT												.02	.03												.05
NEW BROCKTON				.02	.07	.01																			.10
PAINT ROCK					.05																				.05
RIVER FALLS 2 MILES NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAFFORD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES

ALABAMA  
SEPTEMBER 1948

le 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BERTVILLE	MAX MIN	89 62	88 61	86 62	84 63	70 62	84 62	87 62	89 64	90 64	90 66	69 57	78 62	81 62	78 57	86 59	86 62	84 60	85 60	85 57	88 59	90 59	90 61	92 59	88 57	78 50	77 54	72 54	70 58	74 54	77 50	82.8 59.3	
ALEXANDER CTY 6 MI NE	MAX MIN	89 67	87 66	84 62	73 65	80 63	86 70	90 63	91 67	92 65	89 69	82 67	79 59	80 64	77 69	86 62	85 66	86 59	83 57	89 57	91 57	58		66	80 55	82 56	79 50	58	76 55	81 54	77 62	83.6 61.8	
DALUSIA	MAX MIN	87 68	91 69	88 70	76 68	82 65	83 65	88 68	92 68	93 68	93 69	88 67	81 66	84 69	79 67	75 63	87 67	87 65	86 65	86 64	86 63	88 62	90 64	91 66	90 60	88 60	83 59	77 58	63 59	77 58	82 56	84.7 64.7	
WISTON	MAX MIN	86 69	87 64	83 61	74 65	86 66	89 63	91 65	90 64	91 68	73 68	80 57	84 53	83 63	82 62	89 57	88 64	84 60	86 60	89 59	90 58	92 57	91 56	81 58	80 50	80 53	76 55	66 56	74 60	77 60	81 56	83.4 60.1	
WISTON WB AIRPORT	MAX MIN	87 67	87 63	82 62	73 64	84 62	88 62	90 64	90 66	90 66	72 65	81 58	83 55	82 61	82 58	87 63	87 61	84 61	86 61	88 57	90 57	91 56	92 57	83 57	81 48	79 54	74 56	65 56	74 60	75 59	80 55	82.9 59.8	
FORE STATE FARM	MAX MIN	97 71	91 69	90 70	75 68	83 69	85 66	91 68	93 69	94 72	95 72	85 69	85 64	81 66	78 66	70 63	86 65	87 66	89 66	87 63	87 62	89 61	90 61	91 64	90 62	83 60	83 58	79 59	65 60	76 55	81 54	85.2 64.6	
BURN	MAX MIN	95 65	88 65	88 64	88 67	73 67	84 69	87 65	90 66	91 66	90 67	77 63	80 59	82 61	81 64	77 60	88 64	86 63	86 62	85 58	87 57	89 58	92 61	91 62	87 56	81 55	80 53	75 58	63 57	73 54	78 55	83.7 61.3	
Y MINETTE	MAX MIN	94 69	90 68	87 66	86 65	84 66	90 65	88 67	93 67	93 70	94 60	80 67	80 66	77 67	75 65	70 64	86 64	89 65	87 66	88 62	88 63	90 61	90 62	91 62	91 61	89 58	86 57	87 59	75 52	85 53	84 61	86.2 63.3	
BIRMINGHAM WB AIRPORT	MAX MIN	89 70	88 67	82 64	72 67	78 67	87 65	90 67	91 68	92 68	71 63	82 56	84 58	80 66	81 62	89 60	88 69	85 66	86 64	88 60	90 60	90 60	94 61	85 57	82 50	79 57	75 57	67 55	75 57	74 60	79 56	83.1 61.9	
BIRMINGHAM WB CITY	MAX MIN	96 69	91 67	91 67	84 67	73 67	77 67	89 69	91 70	92 70	93 67	71 58	86 60	88 66	80 66	84 63	93 68	92 64	89 64	90 63	91 64	92 64	94 66	96 63	88 52	88 57	83 58	79 56	67 53	74 58	74 58	85.9 63.5	
BWTON 3 MILES SSE	MAX MIN	95 69	89 67	87 69	76 68	85 67	87 63	91 65	93 67	93 67	94 68	80 66	80 66	81 63	79 67	70 62	87 82	87 82	87 64	85 59	86 58	88 56	91 56	92 56	90 58	85 55	83 56	78 59	64 51	78 52	85 52	84.9 62.2	
TREVILLE	MAX MIN	98 68	95 70	93 68	88 66	75 67	77 66	91 67	93 68	95 70	94 70	75 63	85 60	85 66	78 64	75 60	92 68	90 67	89 69	91 67	90 65	93 62	95 63	96 63	91 56	86 51	85 52	80 58	65 60	74 60	76 62	86.3 63.9	
RONELLE	MAX MIN	91 70	87 71	83 71	82 67	85 67	89 70	90 72	91 68	92 73	85 68	80 70	79 66	76 67	73 66	77 63	85 67	87 67	87 68	86 66	86 68	87 68	88 66	89 70	90 65	81 60	82 60	78 58	64 55	70 55	82 57	83.4 66.1	
NTON	MAX MIN	98 65	87 65	88 64	81 66	70 68	76 63	86 65	90 66	92 67	89 69	62 58	62 62	66 66	58 58	63 63	63 63	57 57	56 56	58 60	60 63	53 63	89 53	83 56	82 56	76 52	65 58	75 57	78 55	-	61.1		
DOVA	MAX MIN	94 64	92 63	90 62	82 66	72 68	79 64	90 67	92 65	91 65	92 65	72 55	85 53	86 64	85 65	86 60	92 56	90 56	89 67	89 65	90 65	92 56	94 56	96 46	84 50	82 55	81 48	79 57	65 57	76 57	72 53	85.3 59.7	
TON	MAX MIN	94 69	93 71	87 69	73 68	79 68	90 62	93 63	94 66	94 70	84 67	82 62	77 62	77 67	89 60	88 67	87 62	88 62	88 62	91 62	91 62	92 61	92 61	88 62	83 55	83 57	72 53	71 54	72 59	73 50	81 56	84.6 62.3	
ATUR	MAX MIN	91 66	89 66	91 67	93 68	72 67	79 67	80 67	84 68	89 65	84 56	73 59	81 63	85 65	79 63	87 65	90 66	90 66	87 64	86 64	90 64	90 63	93 59	79 53	76 55	77 55	74 56	69 56	72 57	65 55	82.9 62.5		
HAN CAA AIRPORT	MAX MIN	91 67	86 68	79 69	81 70	88 72	88 64	91 66	94 68	95 70	93 69	79 67	84 67	80 67	75 67	88 64	88 66	86 63	87 63	88 62	89 59	92 60	92 65	92 65	88 60	78 60	64 57	79 58	83 57	75 55	85.2 64.3		
AULA	MAX MIN	97 68	89 68	89 68	83 72	75 68	89 68	89 68	91 68	95 70	95 70	85 66	81 66	85 66	77 62	92 65	89 63	89 65	89 63	89 64	91 64	89 61	89 61	92 61	91 65	85 58	83 54	79 61	65 60	79 55	82 58	86.0 64.5	
RGREEN	MAX MIN	100 67	95 68	88 70	76 66	82 67	85 65	92 67	92 67	94 68	95 69	79 67	85 64	78 67	81 66	76 62	89 67	89 65	88 66	81 63	89 61	90 62	92 61	91 66	90 60	85 59	80 56	80 56	62 58	78 53	82 57	85.6 63.7	
HOPE	MAX MIN	90 71	84 70	80 68	84 70	91 67	91 69	90 69	91 69	86 69	80 69	76 69	76 68	73 66	83 66	89 67	87 67	88 65	87 64	89 65	91 65	90 63	92 63	84 60	84 64	80 61	72 60	78 61	84 60	84 58	84.7 66.4		
ETTE	MAX MIN	97 63	94 64	94 60	87 65	71 65	76 64	88 63	90 63	90 64	86 64	72 53	86 52	83 61	74 63	86 58	93 63	91 60	92 57	91 59	89 58	91 55	92 58	93 58	81 45	84 51	82 54	79 48	63 55	71 56	72 50	84.6 58.3	
SCO CITY	MAX MIN	101 69	95 69	89 67	76 67	82 67	84 67	91 64	95 68	93 71	93 68	79 64	84 64	84 68	78 61	70 66	87 65	87 66	87 65	88 63	87 61	90 61	91 61	93 64	91 59	83 54	79 57	63 58	72 52	79 52	85.2 63.7		
EDEN	MAX MIN	92 64	89 62	88 60	82 64	71 64	88 59	89 62	91 64	91 66	71 66	82 51	85 56	83 60	84 58	88 62	88 58	84 54	88 54	92 56	92 60	94 60	92 50	80 52	78 56	78 55	76 58	68 55	71 57	78 55	83.3 58.5		
EVA	MAX MIN	97 68	90 68	86 69	79 68	83 71	88 63	88 66	91 67	95 73	95 72	85 69	81 72	82 72	84 65	88 65	88 64	89 64	88 66	89 60	90 60	92 62	93 66	92 66	87 59	85 58	81 59	62 58	81 54	85 55	86.4 64.8		
OWATER	MAX MIN	92 68	87 68	86 63	80 67	73 66	82 65	85 65	88 66	89 67	90 69	75 62	80 61	82 66	78 67	77 59	88 63	86 64	85 64	85 58	88 59	89 62	90 63	85 55	80 56	80 57	72 56	63 57	72 58	75 57	82.2 		

# DAILY TEMPERATURES

ALABAMA  
SEPTEMBER 1948

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONTGOMERY WB AIRPORT	MAX MIN	91 68	90 69	84 69	75 69	85 70	90 65	93 67	93 70	93 71	79 69	83 64	81 61	79 68	80 66	90 62	88 67	86 62	88 64	90 61	91 61	94 60	96 63	90 64	88 57	83 59	79 57	65 59	76 59	78 56	85 58	85.4 63.1	
MONTGOMERY WB CITY	MAX MIN	87 71	87 70	83 71	75 69	84 70	89 68	92 71	92 71	93 72	77 70	81 68	81 64	79 64	78 64	89 64	87 71	85 66	85 69	86 64	89 64	92 66	93 66	89 68	83 61	80 60	75 59	65 59	76 60	78 58	82 61	83.7 68.3	
MUSCLE SHOALS	MAX MIN	90 66	92 67	92 65	72 66	75 65	78 64	89 66	92 67	89 66	73 60	83 54	83 59	78 64	88 64	90 65	88 66	85 64	88 61	91 62	92 63	91 63	93 67	79 61	75 52	74 53	69 52	69 54	69 55	65 57	75 51	82.0 61.0	
ONEONTA	MAX MIN	92 66	89 65	90 60	83 66	71 65	81 60	88 62	90 65	91 66	92 68	69 56	82 54	84 58	80 64	83 65	88 65	88 64	85 61	85 55	90 55	91 57	91 59	93 61	82 52	80 45	78 50	74 50	65 50	72 50	73 56	83.3 59.0	
OZARK	MAX MIN	96 67	90 68	86 69	79 70	81 71	87 65	89 67	90 69	93 70	95 70	87 69	80 66	83 67	78 63	73 63	88 65	88 65	87 64	87 64	88 63	89 63	91 66	91 67	90 60	85 59	82 56	77 57	60 58	79 55	82 57	85.0 64.6	
PRATTVILLE	MAX MIN	89 69	89 70	85 68	76 65	78 65	88 66	92 67	93 68	76 68	83 67	81 60	80 62	78 69	89 66	87 65	86 65	88 66	88 59	90 58	91 59	92 64	88 67	82 60	81 59	76 58	71 59	76 59	78 55	82 57	84.2 63.8		
PUSHMATAHA	MAX MIN	96 68	96 67	89 66	84 67	70 67	90 65	83 69	90 72	83 72	89 70	82 65	79 59	74 70	90 66	86 58	87 58	85 62	85 63	85 60	87 60	89 63	84 64		82 58		62 53	63 62		72 56	85.2 63.4		
ROBERTSDALE 7 MI E	MAX MIN	91 70	89 65	84 70	77 67	84 70	87 66	87 67	91 70	91 71	90 71	81 69	81 69	75 58	73 68	74 66	82 65	87 65	87 68	85 62	87 63	87 65	89 57	90 58	91 63	83 58	84 62	75 59	65 60	76 55	82 59	83.3 59.6	
ROCK MILLS	MAX MIN	98 69	91 66	90 60	87 62	74 68	84 67	88 65	92 65	92 66	92 67	79 63	85 57	84 60	84 61	83 57	86 57	90 57	88 57	87 55	89 55	92 55	94 57	95 59	89 56	85 53	82 53	78 54	65 58	70 56	78 54	85.7 59.7	
SAINT BERNARD	MAX MIN	91 63	90 60	91 61	87 65	71 64	76 61	84 62	89 65	92 64	91 64	71 56	81 53	84 67	78 63	87 58	91 60	89 65	86 66	89 57	91 57	91 60	91 63	80 58	79 51	76 54	75 55	66 55	72 58	70 59	83.4 58.8		
SCOTTSBORO	MAX MIN	95 68	95 64	93 62	89 67	78 65	85 63	81 63	89 67	94 64	92 65	74 55	84 55	87 57	80 59	90 64	92 64	91 56	87 56	90 57	91 57	93 59	93 59	96 52	78 55	80 55	77 55	75 55	69 58	68 54	76 55	85.4 59.3	
SELMA	MAX MIN	96 66	89 66	90 61	85 67	77 65	81 65	87 66	90 66	92 67	94 68	76 68	86 61	81 58	80 60	79 68	88 61	87 63	85 64	88 61	85 63	88 65	90 57	93 56	88 49	82 51	81 54	76 55	72 57	75 59	79 57	84.7 61.0	
SPRING HILL	MAX MIN	87 72	87 71	84 71	82 68	83 68	87 68	87 70	91 71	91 74	92 74	80 70	79 69	73 69	73 66	76 65	85 67	88 67	85 68	80 65	82 66		90 66	89 70		89 60	83 61	78 58	64 59	72 57	78 60	82.7 66.8	
TALLADEGA	MAX MIN	93 66	88 64	90 61	84 66	74 67	83 62	89 65	91 66	93 66	92 68	72 59	83 61	85 63	83 58	79 60	88 63	86 57	88 56	88 57	90 56	91 57	91 56	85 49	82 51	81 54	75 51	64 57	75 59	75 55	84.4 59.9		
THOMASVILLE	MAX MIN	97 69	95 67	94 69	80 68	79 66	82 66	90 68	92 69	93 70	93 68	74 64	82 63	80 65	75 66	77 62	88 63	88 61	89 62	88 62	89 63	89 65	91 64	92 66	88 59	82 57	84 56	79 54	65 57	72 53	78 54	84.8 63.2	
TROY	MAX MIN	95 68	89 67	87 68	80 68	76 69	88 64	88 66	90 69	92 72	93 67	80 64	81 67	82 67	76 63	76 67	88 63	86 64	85 63	85 61	86 61	89 65	91 67	92 67	89 58	84 58	81 56	76 57	63 57	78 60	81 60	84.2 64.1	
TUSCALOOSA AIRPORT	MAX MIN	92 68	93 70	86 64	74 67	78 66	91 64	93 65	95 66	91 67	73 67	85 59	88 56	76 68	79 62	92 65	91 63	88 62	89 62	90 61	92 60	91 59	95 60	86 62	84 54	82 58	76 57	63 53	73 58	75 57	80 52	84.7 61.8	
TUSKEGEE	MAX MIN	90 66	90 65	85 62		88 67	91 64	92 65	90 66	94 67	89 68	82 65	85 69	82 65	79 58	91 64	89 59	88 63	88 61	88 57	92 57	93 58	94 62	88 65	84 57	82 54	78 52	69 56	78 56	81 53	82 58	88.3 61.6	
UNION SPRINGS	MAX MIN	95 67	87 68	87 69	83 69	81 65	85 66	89 67	88 69	91 71	92 70	76 66	82 65	81 68	78 67	89 63	87 69	87 64	88 65	89 64	89 62	89 62	91 64	86 65	82 57	82 58	78 55	68 59	76 58	78 60	84.4 64.3		
UNIVERSITY	MAX MIN	93 69	92 69	85 68	73 67	86 66	90 66	92 68	94 68	90 69	72 66	85 59	85 58	75 68	79 65	91 61	91 69	88 65	88 62	91 62	93 61	92 62	95 64	88 54	85 57	81 54	75 57	60 54	71 58	74 54	80 54	84.5 63.0	
VALLEY HEAD	MAX MIN	89 62	86 65	85 65	87 67		81 63	85 62	86 63	87 62	89 65	75 50	80 61	80 60	80 61	81 63	86 63	82 62	82 62	85 60	87 54	89 52	89 56	90 53	76 43	76 46	74 46	75 51		75 57	82.2 58.3		
WETUMPKA	MAX MIN	97 69	89 69	89 69	83 69	76 70	87 67	88 69	92 69	93 69	93 70	77 67	84 64	82 65	79 69	77 63	89 63	87 65	85 65	87 61	88 60	90 61	93 64	94 64	90 58	85 58	81 58	76 59	65 59	74 59	76 59	84.8 64.4	
MOBILE WB AIRPORT	MAX MIN	88 70	87 70	79 69	78 68	85 67	89 68	89 68	92 70	92 72	79 70	76 68	76 68	71 66	84 65	88 67	87 67	86 68	87 65	88 66	89 65	90 64	92 68	83 63	84 59	78 60	67 58	75 59	81 54	85 59	83.3 65.8		

See reference notes following Station Index.



# TABLE 6

## DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ALABAMA  
SEPTEMBER 1948

STATION		DAY OF MONTH																															TOTAL	DEPART- URE FROM NORMAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP WIND		.254 33	.203 6	.247 7	.117 92	.300 26	.306 19	.199 8	.242 12	.223 18	.056 8	.190 24	.196 10	.337 13	.030 4	.275 7	.259 35	.209 22	.183 11	.472 5	.203 4	.235 9	.228 41	.382 31	.150 22	.218 37	.216 56	.054 32	.104 34	.185 39	6.039 683		
FAIRHOPE	EVAP WIND		.144 5	.088 6		.176 11	.144 62	.176 7	.208 11	.156 15	.140 15	.058 9	.030 5	.082 7	.088 23	.102 35	.138 20	.236 33	.180 14	.234 12	.090 10	.196 23	.204 17	.212 27	.228 21	.144 20	.154 30	.130 35	.176 54	.154 19	.120 15	4.188 572		

# TABLE 7

## DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																															HIGHEST (OR CREST)	DATE	LOWEST	DATE		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
HATTACROCHEE	40	6.0	5.0	5.6	5.7	15.1	10.4	8.8	8.8	8.1	6.5	6.6	5.0	5.3	5.0	5.6	3.0	4.2	3.6	4.1	3.0	4.1	4.1	3.7	3.7	3.6	4.0	3.9	6.6	8.2	8.1		15.08	5	3.0	16+		
EUPAULA	42	9.2	9.6	9.4	9.0	16.9	19.2	14.0	12.3	12.0	10.8	9.8	9.8	9.2	8.8	9.0	8.6	7.6	7.8	7.5	7.5	7.4	7.4	7.4	7.0	3.6	7.1	7.0	7.1	9.7	12.5	12.1		19.25	6	7.0	24+	
COLUMBIA																																						
MOCTAWHATCHEE	19	3.6	3.5	3.5	3.6	6.9	8.2	7.5	6.2	4.9	4.3	3.9	3.8	3.8	3.6	3.7	3.7	3.7	3.6	3.6	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9	5.2	5.3	5.3		8.22	6	2.9	27		
NEWTON	23	4.2	4.8	4.8	4.7	6.7	9.1	9.6	9.6	9.0	7.2	6.0	5.3	5.0	4.7	4.9	5.2	4.8	4.4	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.4	3.3	5.3	6.8	6.7		9.64	7	3.3	27		
GENEVA																																						
ONECUB																																						
RIVER FALLS	35	0.8	1.5	-	1.9	4.3	3.1	1.8	3.7	2.3	1.2	3.3	2.3	2.1	-	3.0	3.9	2.7	3.6	2.0	2.9	2.2	1.9	2.8	1.3	0.8	-	1.5	0.9	1.7	2.1		4.03	5	0.6	1		
BREWTON 3 MI SSE	17	0.6	1.1	1.0	1.1	3.0	3.5	3.7	2.7	2.7	2.8	2.6	2.4	2.3	2.4	3.3	3.8	2.6	2.0	1.7	1.2	0.9	0.8	0.7	1.0	0.9	0.8	0.5	0.0	0.1	0.6		3.8016	0.0	28			
POSA																																						
CHILLOERSBURG	20	2.0	2.0	1.9	1.8	2.0	2.2	2.0	2.0	2.2	2.7	2.6	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.7	1.6	1.7	2.7210	1.6	27
GADSDEN	20	1.6	1.5	1.5	1.4	1.6	1.6	1.6	3.0	3.0	2.4	2.0	2.0	1.9	1.9	1.8	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.7	1.6	1.7		2.97	9	1.1	26+		
LOCK NO 4, LINCOLN	17	0.8	0.5	0.4	0.4	0.6	0.8	0.5	0.8	1.8	1.7	1.2	0.9	0.8	0.8	0.8	0.7	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.3	1.0	0.8		1.80	9	0.1	24+		
WETUMPEA	45	5.5	5.2	5.2	5.2	4.4	8.1	4.1	5.5	5.5	6.1	5.6	3.3	4.0	5.4	5.6	5.4	5.6	5.2	3.4	3.5	5.2	5.7	5.6	5.3	5.1	3.5	3.0	5.4	5.4	5.2		6.1210	3.0	27			
LLAPOOSA																																						
MILSTEAD	40	2.8	2.0	2.0	1.6	1.6	0.6	2.1	2.3	2.9	3.3	1.3	2.0	0.2	2.9	5.3	4.8	3.2	3.0	2.9	0.2	2.7	3.9	4.7	2.8	1.3	1.1	0.3	3.4	3.7	3.9		5.3015	0.2	13+			
HABA																																						
CENTREVILLE	23	2.1	2.2	2.2	2.2	2.6	2.6	2.4	2.4	2.4	2.4	2.4	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.0	2.1	2.1	2.1	2.4	2.6	2.4		2.85	6	2.0	22+	
MARION JUNCTION	36	1.8	1.8	1.8	2.0	2.6	2.6	2.7	2.4	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.9	2.3	2.4		2.70	7	1.7	27		
ASAMA																																						
MONTGOMERY WB CITY	35	4.0	3.6	3.4	2.8	2.5	1.8	2.7	3.1	4.0	4.7	4.1	0.7	2.5	3.0	4.4	3.7	3.7	3.2	0.8	1.7	3.0	4.0	3.8	4.0	3.3	0.3	-0.3	3.7	3.8	4.3		4.7010	-0.3	27			
SELMA	45	4.2	4.7	4.6	4.3	3.8	3.6	-	-	5.0	4.5	-	-	-	-	2.6	3.8	4.8	4.6	3.6	4.4	2.1	2.1	3.9	4.8	4.8	4.5	3.6	1.1	3.4	4.8		5.00	9	1.1	28		
MILLERS FERRY	40	7.2	7.3	7.9	7.8	7.8	7.3	6.9	6.4	6.4	6.6	7.6	8.2	7.9	6.5	5.8	6.2	7.6	7.8	7.7	7.2	6.0	6.0	5.7	7.3	8.7	8.1	7.0	6.0	5.8	6.9		8.7125	5.7	23			
ACK WARRIOR																																						
TUSCALOOSA LOCK DAM	47	11.2	11.8	12.0	11.5	11.5	11.5	11.4	11.5	11.5	11.3	11.3	11.3	11.4	11.3	11.3	11.3	11.2	11.2	11.2	11.2	11.2	11.2	11.3	11.3	11.2	11.2	12.3	12.4	12.2		12.40	29	11.2	1+			
MBIGBEE																																						
GAINESVILLE	36	1.4	1.3	1.2	1.3	1.4	2.0	5.1	6.4	5.0	4.0	3.4	2.9	2.8	2.6	2.5	2.8	3.0	2.4	2.0	1.8	1.6	1.8	1.5	1.4	1.3	1.3	1.2	1.5	1.6	1.8		6.40	8	1.2	3+		
DEMOPOLIS, LOCK NO 4	39	8.5	9.9	10.2	10.2	10.5	10.3	10.9	12.1	12.8	12.0	11.3	10.8	10.6	10.5	10.4	10.0	10.1	10.1	10.0	9.7	9.3	9.8	9.9	9.8	9.8	9.8	9.4	9.7	9.8	10.8		12.80	9	9.3	21		
LOCK NO 3	33	8.5	8.4	9.0	9.2	9.9	10.0	10.3	12.0	13.1	12.3	11.3	10.9	10.6	10.5	10.4	10.2	10.3	10.4	10.3	9.9	9.8	9.4	9.5	9.6	9.5	9.4	9.3	8.5	8.8	10.0		13.10	9	8.4	2		
LOCK NO 2	46	10.5	10.5	10.7	11.4	11.1	11.2	12.4	13.8	13.6	12.5	11.7	11.3	11.2	11.4	11.3	11.1	11.3	11.2	10.9	10.8	10.4	10.3	10.5	10.5	10.6	10.6	10.6	10.7	11.0		13.80	9	10.3	23			
LOCK NO 1	31	8.9	8.7	8.8	9.0	12.0	10.4	10.2	10.3	11.0	11.1	10.5	10.1	9.8	10.0	10.0	10.2	10.0	10.0	10.0	10.2	10.3	10.1	10.0	9.8	8.9	9.4	9.6	9.1	9.2	9.4		12.00	5	8.7	2		
WNE99EE																																						
FLORENCE AT LOCK	18	11.0	11.2	11.6	11.5	11.0	10.8	11.2	11.4	11.1	11.5	11.6	10.9	11.0	10.8	10.7	11.1	11.1	11.3	10.9	10.8	11.1	11.2	11.3	11.3	11.1	10.7	11.2	11.3	11.2	11.0		11.60	3	10.7	15+		

Stages are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBEVILLE	0008	BENRY	CHATTAHOOCBIE	31 34	85 15		C		MID		5		J. P. MITCHELL	2 3 4
ADDISON	0063	WINSTON	BLACK WARRIOR	34 13	87 10		C		MID		8		PALMER GODSEY	2 3 4
ADDISON CENTRAL TOWER	0071	LAWRENCE	BLACK WARRIOR	34 25	87 19	1500	C		7A		8		U. S. F. S.	
ALBERTA	0140	WILCOX	ALABAMA	32 14	87 25		C		8A		8		SIDNEY J. HARDY, SR.	2 3
ALBERTVILLE	0148	MARSHALL	TENNESSEE	34 16	86 13	1114	C	6P	6P	23	23		S. B. STRICKLAND	2 3 5
ALEXANDER CITY	0163	TALLAPOOSA	TALLAPOOSA	32 56	85 57	658	C	5P	5P	6	6		F. E. BLACKBURN	2 3 5
ALICEVILLE	0178	PICKENS	TOMBIGBEE	33 08	88 10		C		7A		9		BOSIE PHILLIPS	2 3 4
ANDALUSIA	0252	COVINGTON	CONECUH	31 19	86 30	346	C	6P	6P	11	11		WM. M. GARRETT	2 3 5
ANNISTON	0267	CALHOUN	COOSA	33 40	85 50	724	C	6P	6P	58	58		U. S. WEATHER BUREAU	2 3 5
ANNISTON WB AIRPORT	0272	CALHOUN	COOSA	33 35	85 51		C	MID	MID	2	2		U. S. WEATHER BUREAU	2 3 4 5
ARLEY	0338	WINSTON	BLACK WARRIOR	34 04	87 13		C		7A		11		MRS. LESSIE BILLER	2 3
ASHLAND	0369	CLAY	TALLAPOOSA	33 16	85 50		C		MID		8		BENRY L. MC QUEEN	2 3 4
ASHVILLE	0377	ST. CLAIR	COOSA	33 50	86 16	880	C		8A		33		MRS. B. C. BANKS	2 3
ATHENS	0390	LIMESTONE	TENNESSEE	34 48	86 59	709	C		7A		8		TVA-62	2 3
ATMORE STATE FARM	0402	ESCAMBIA	ESCAMBIA	31 10	87 29		C	6P	6P	5	5		ATMORE STATE FARM	2 3 4 5
AUBURN	0422	LEE	TALLAPOOSA	32 36	85 30	732	C	8A	8A	57	71	2	MRS. MARTHA I. MOORE	2 3 5 6
AUBURN 4 MILES N	0427	LEE	TALLAPOOSA	32 40	85 29		C		MID		5		SCS	2 3 4
AUTAGAVILLE	0440	AUTAGA	ALABAMA	32 26	86 39		C		8A		8		J. B. NEIGHBORS	2 3
BAY MINETTE	0583	BALDWIN	GULF	30 53	87 47	268	C	7P	7P	24	30		GROVER W. WOODWARD	2 3 5
BEATRICE	0616	MONROE	ALABAMA	31 44	87 13		C		7A		7		W. P. DUNN	2 3
BELGREEN	0631	FRANKLIN	TENNESSEE	34 28	87 52	910	C		MID		13		TVA-43	2 3 4
BERRY	0748	FAYETTE	BLACK WARRIOR	33 40	87 36		C		MID		8		MISS. CLARA R. OLIVE	2 3 4
BEXAR 2 MILES SE	0790	MARION	TOMBIGBEE	34 12	88 09		C		MID		3		WM. B. WHITEHEAD	2 3 4
BILLINGSLEY	0823	AUTAGA	ALABAMA	32 39	86 43		C		7A		10		MRS. T. L. GALLMAN	2 3
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	BLACK WARRIOR	33 34	86 45	610	C	MID	MID	11	11		U. S. WEATHER BUREAU	2 3 4 5
BIRMINGHAM WB CITY	0836	JEFFERSON	BLACK WARRIOR	33 32	86 50	694	C	8A	8A	61	61		MRS. CARRIE B. HORTON	2 3 5
BISBOP	0854	COLBERT	TENNESSEE	34 39	88 05	470	C		7A		11		TVA-42	2 3
BOAZ	957	MARSHALL	BLACK WARRIOR	34 13	86 10		C		7A		8		MILFORD H. DOOLEY	2 3 4
BRANTLEY	1069	CRENSHAW	CONECUH	31 35	86 16	284	C		8A		19		R. E. BENDERSON	2 3
BREWTON 3 MILES SSE	1084	ESCAMBIA	CONECUH	31 04	87 03	85	C	6P	6A	31	34		MRS. CLARA T. PEAVY	2 3 5 7
BRIDGEPORT	1099	JACKSON	TENNESSEE	34 57	85 43	660	C		8A		53		N. R. ATKINS	2 3
BRUNDIDGE	1178	PIKE	CHOCTAWHATCHEE	31 43	85 49	515	C		8A		19		GEO. L. HICKS	2 3
CALERA	1288	SHELBY	COOSA	33 06	86 45	500	C		8A		49		L & N R.R. AGENT	2 3
CAMPBELL	1315	CLARKE	TOMBIGBEE	31 55	87 59		C		MID		8		E. DOUGLAS REID	2 3 4
CARBON BILL	1377	WALKER	BLACK WARRIOR	33 54	87 32	430	C		7A		10		MISS. MARY C. RAY	2 3
CENTER GROVE	1492	MORGAN	TENNESSEE	34 23	86 38	700	C		7A		14		TVA	2 3
CENTREVILLE	1520	BIBB	CAHABA	32 57	87 08	230	C	6P	8A	32	32		W. D. HOLLIFIELD	2 3 5 7
CHILDERSBURG	1615	TALLADEGA	COOSA	33 17	86 21	540	C		6A		12		ALABAMA POWER CO.	2 3 7
CITRONELLE	1885	MOBILE	GULF	31 05	88 14	331	C	6P	6P	60	61		B. O. JONES	2 3 5
CLANTON	1694	CHILTON	COOSA	32 51	86 38	590	C	6P	7A	56	56		HUGH M. SIMPSON	2 3 5
CLAYTON	1725	BARBOUR	CHOCTAWHATCHEE	31 52	85 27	590	C		8A		21		L. L. REEDER	2 3
COFFEE SPRINGS	1807	GENEVA	CHOCTAWHATCHEE	31 10	85 55	255	C		8A		26		C. B. ADKISON	2 3
COLLINSVILLE	1849	DE KALB	COOSA	34 15	85 52	734	C		7A		11		MRS. S. CUNNINGHAM	2 3
COLUMBIA	1865	BOUSTON	CHATTAHOOCHEE	31 18	85 06	130	C		8A		13		COY TROMPSON	2 3 7
CORDOVA	1940	WALKER	BLACK WARRIOR	33 46	87 11	334	C	8A	8A	28	46		MRS. C. GRESHAM	2 3 5
CUBA	2079	SUMTER	TOMBIGBEE	32 26	88 23	215	C		8A		9		REUBEN P. HARRIS	2 3
DADEVILLE	2119	TALLAPOOSA	TALLAPOOSA	32 50	85 45	760	C		8A		36		DR. W. B. FULTON	2 3
DADEVILLE NO 2	2124	TALLAPOOSA	TALLAPOOSA	32 50	85 46		C		MID		8		JAY D. LANE	2 3 4
DANCY	2141	PICKENS	TOMBIGBEE	33 01	88 17	208	C		7P		43		E. F. SMITH	2 3
DATTON	2188	MARENGO	TOMBIGBEE	32 21	87 39		C	6P	6P	1	9		JAMES M. CREWS	2 3 5
DECATUR	2207	MORGAN	TENNESSEE	34 37	86 58	573	C	6P	8A	67	70		MRS. FRED A. TRIMBLE	2 3 5
DEMOPOLIS	2240	MARENGO	TOMBIGBEE	32 31	87 51	100	C		7A		59		J. A. ROBERTSON	2 3 7
DOTHAN CAA AIRPORT	2372	HOUSTON	CHOCTAWHATCHEE	31 15	85 27	322	C	MID	MID	11	31		CAA	2 3 4 5
ELBA	2577	COFFEE	PEA	31 25	86 04	204	C		7A		21			
ELROD	2632	TUSCALOOSA	TOMBIGBEE	33 15	87 48		C		7A		9		K. V. BERRY	2 3
EUFULA	2727	BARBOUR	CHATTAHOOCHEE	31 53	85 08	254	C	6P	8A	65	65		HARRY E. MAUGANS	2 3 5 7
EUTAW LOCK NO 7	2742	GREENE	BLACK WARRIOR	32 47	87 50		C		7A		12		E. B. BOLBROOK	2 3 4
EVERGREEN	2758	CONECUH	CONECUH	31 26	86 58	340	C	6P	8A	65	65		MRS. JESSIE D. GOLSON	2 3 5
FAIRHOPE	2813	BALDWIN	GULF	30 32	87 55	23	C	MID	6P	31	31	31	HAROLD F. YATES	2 3 5 6
FALKVILLE	2840	MORGAN	TENNESSEE	34 22	86 55	620	C		7A		10		TVA-384	2 3
FALLS CITY 6 MILES NW	2848	WINSTON	BLACK WARRIOR	34 04	87 20	650	C		7A		8		USFS	2 3
FAYETTE	2883	FAYETTE	TOMBIGBEE	33 41	87 50	359	C	6P	8A	14	23		WM. M. RILEY	2 3 5
FLAT ROCK	2945	JACKSON	TENNESSEE	34 46	85 41	1380	C		7A		10		TVA-387	2 3 4
FLORENCE AT LOCK	2976	LAUDERDALE	TENNESSEE	34 47	87 40	450	C		7A		65		U. S. ENGINEERS	2 3 7
FORT DEPOSIT	3024	LOWNDES	CONECUH	31 59	86 35	520	C				49		WM. H. FREDERICK	
FORT MORGAN	3035	BALDWIN	GULF	30 14	88 01		C		MID		8		WM. H. CHANDLER	2 3 4
FORT PAYNE	3043	DE KALB	COOSA	34 26	85 43	879	C		8A		7		JOHN W. PATE	2 3 4
FRISCO CITY	3105	MONROE	ESCAMBIA	31 26	87 24		C		8A		19		MRS. NELIA MC KENZIE	2 3
GADSDEN	3151	ETOWAH	COOSA	34 01	86 00	554	C	7P	8A	63	65		G. ERNEST BOLCOMB	2 3 5 7
GAINESVILLE	3160	SUMTER	TOMBIGBEE	32 49	88 09	130	C		7A		12		FRANK J. FIELDS	2 3 7
GARDEN CITY	3200	CULLMAN	BLACK WARRIOR	34 00	86 44		C		7A		8		MRS. G. MC KENZIE	2 3 4
GENEVA	3255	GENEVA	CHOCTAWHATCHEE	31 02	85 52	107	C	6P	7A	11	24		REBECCA CAMPBELL	2 3 5 7
GOODWATER	3399	COOSA	COOSA	33 04	86 03	826	C	6P	8A	56	56		MRS. W. M. SELMAN	2 3 5
GORGAS	3430	WALKER	BLACK WARRIOR	33 39	87 13	300	C		6A		12		ALABAMA POWER CO.	2 3
GREENSBORO	3511	HALE	BLACK WARRIOR	32 42	87 36	220	C	5P	8A	70	81		MRS. C. POELLNITZ	2 3 5
GREENVILLE	3519	BUTLER	CONECUH	31 50	86 38	444	C	6P	8A	67	50		CECILE T. LEWIS	2 3 5
GREENVILLE NO 2	3524	BUTLER	CONECUH	31 50	86 38		C		MID		8		CITY WATER PLANT	2 3 4
GULF SHORES 3 MI WSW	3559	BALDWIN	GULF	30 15	87 44	10	C	6P	6P				LEWIS P. GOODWIN	
GUNTERSVILLE	3573	MARSHALL	TENNESSEE	34 21	86 18	640	C		8A		48		L. S. LONG	2 3
GUNTERSVILLE CITY WTR	3579	MARSHALL	TENNESSEE	34 22	86 17	610	C		MID		6		TVA-403	2 3 4
GUNTERSVILLE DAM	3563	MARSHALL	TENNESSEE	34 26	86 24	611	C		7A		13		TVA-70	2 3
HALEYVILLE	3620	WINSTON	BLACK WARRIOR	34 14	87 38	947	C	6P	7A	12	12		ELMER L. SHIPMAN	2 3 4 5
HAMILTON	3644	MARION	TOMBIGBEE	34 08	87 59	498	C		6A		33		REX COOPER	2 3
HARRISBURG 6 MILES SE	3697	PERRY	CAHABA	32 48	87 11	600	C		8A		8		USFS	2 3
HATNEVILLE	3748	LOWNDES	ALABAMA	32 11	86 35		C		8A		10		MAXINE E. WATSON	2 3
HELENA	3783	SHELBY	CAHABA	33 18	86 51	416	C		8A		36		RUDOLPH ENGLAND	2 3
HIGHLAND HOME	3816	CRENSHAW	CONECUH	31 57	86 19	594	C	5P	5P	57	57		LUKE JORDAN	2 3 5

## STATION INDEX — Continued

ALABAMA  
SEPTEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
BIGHTOWER	3842	CLEBURNE	TALLAPOOSA	33 32	85 24		C		8A		5		MRS. EARL LINDSEY	2 3
BODGES	3899	FRANKLIN	TOMBIGBEE	34 20	87 56		C		6A		11		FRANK L. HAYNES	2 3
HUNTSVILLE	4068	MADISON	TENNESSEE	34 42	86 35	610	C	MID	MID	10	25		U. S. WEATHER BUREAU	2 3 4 5
HYTOP	4099	JACKSON	TENNESSEE	34 54	86 05	1500	C		7A		14		TVA-78	2 3
JACKSON SHOALS	4198	TALLADEGA	COOSA	33 32	86 12	475	C		8A		12		ALABAMA POWER CO.	2 3
JACKSONVILLE	4209	CALHOUN	COOSA	33 49	85 45		C		MID		6		FLOY E. OWEN	2 3 4
JORDAN DAM	4306	ELMORE	COOSA	32 37	86 15	290	C		6A		12		ALABAMA POWER CO.	2 3
LA FAYETTE	4502	CHAMBERS	TALLAPOOSA	32 56	85 25	830	C	6P	6P				J. B. MERRITT	
LAY DAM	4603	COOSA	COOSA	32 58	86 31	420	C		6A		12		ALABAMA POWER CO.	2 3 4
LEEDS	4619	JEFFERSON	CAHABA	33 33	86 33	636	C		8A		32		MRS. MARY K. LEE	2 3
LEESBURG	4627	CHEROKEE	COOSA	34 11	85 46	589	C	6P	7A		56		RUFUS M. SEWELL	2 3
LIVINGSTON	4798	SUMTER	TOMBIGBEE	32 35	88 11	160	C		6P	50	46		PROF. E. J. MURPHEY	2 3 5
LOCKHART	4822	COVINGTON	GULF	31 01	86 22	290	C	8A	8A	11	11		B. C. YOUNG	2 3 5
LOCK NO 1	4830	CLARKE	TOMBIGBEE	31 33	88 01	11	C		7A		25		U. S. ENGINEERS	2 3 4 7
LOCK NO 2	4835	CROXTAW	TOMBIGBEE	32 08	88 02	23	C		7A		25		U. S. ENGINEERS	2 3 7
LOCK NO 3	4840	CHOCTAW	TOMBIGBEE	32 17	88 01	33	C		7A		25		U. S. ENGINEERS	2 3 7
LOCK NO 4	4845	TALLADEGA	COOSA	33 38	86 11	510	C	5P	7A	53	57		U. S. ENGINEERS	2 3 5 7
LOCK NO 17	4855	TUSCALOOSA	BLACK WARRIOR	33 29	87 20	280	C		7A		10		U. S. ENGINEERS	2 3
MADISON	4976	MADISON	TENNESSEE	34 42	86 45	573	C	6P	6P	55	55		HARRY F. CARTER	2 3 5
MAGELLA	4996	JEFFERSON	CAHABA	33 30	86 51	165	C		6A		12		ALABAMA POWER CO.	2 3
MAGNOLIA	5004	MARENGO	ALABAMA	32 08	87 39		C		MID		6		DR. T. H. GAILLARD	2 3 4
MARION 1 MILE SSE	5108	PERRY	CAHABA	32 37	87 18	263	C		8A		57		O. MYRON HOLIFIELD	2 3 4
MARION JUNCTION	5116	DALLAS	CAHABA	32 26	87 14	204	C		8A		11		MRS. MARGARET SMITH	2 3 7
MARTIN DAM	5140	TALLAPOOSA	TALLAPOOSA	32 40	85 55	340	C		6A		24		ALABAMA POWER CO.	2 3
MAXWELL FIELD	5202	MONTGOMERY	ALABAMA	32 25	86 25		C	MID	MID	15	15		U. S. ARMY AIR FORCES	2 3 5
MELVIN	5354	CHOCTAW	TOMBIGBEE	31 56	88 27		C		7A		8		JOHN R. LAND	2 3
MERTZ 3 MILES E	5382	BIBB	CAHABA	32 53	87 20	600	C		8A		8		USFS	
MIDWAY	5397	BULLOCK	CHATTahoochee	32 04	85 32		C		MID		8		MATTHEW W. HALL	2 3 4
MILLERS FERRY	5417	WILCOX	ALABAMA	32 06	87 22	78	C		8A		18		NORMAN D. WILLIAMS	2 3 7
MILLRY	5427	WASBINGTON	TOMBIGBEE	31 38	88 19	362	C	6P	6P		24		MARDIS M. BLOUNT	2 3 5
MILSTEAD	5439	MACON	TALLAPOOSA	32 27	85 54	206	C		8A		48		T. C. CARR	2 3 7
MITCHELL DAM	5465	CHILTON	COOSA	32 48	86 27	350	C		6A		12		ALABAMA POWER CO.	2 3
MOBILE WB AIRPORT	5478	MOBILE	GULF	30 41	88 12		C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MOBILE WB CITY	5483	MOBILE	GULF	30 42	88 02	10	C	MID	MID	77	78		U. S. WEATHER BUREAU	2 3 4 5
MONT SANO	5529	MADISON	TENNESSEE	34 45	86 31	1650	C		7A		9		TVA-530	2 3
MONTEVALLO	5537	SHELBY	CAHABA	33 06	86 53	462	C		8A		8		M. P. JETER	2 3
MONTGOMERY WB AIRPORT	5550	MONTGOMERY	ALABAMA	32 18	86 23	198	C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MONTGOMERY WB CITY	5555	MONTGOMERY	ALABAMA	32 23	86 18	201	C	MID	MID	77	77		U. S. WEATHER BUREAU	2 3 4 5 7
MOULTON	5625	LAWRENCE	TENNESSEE	34 29	87 17	630	C		MID		10		TVA-381	2 3 4
MOUNDVILLE	5633	HALE	TOMBIGBEE	32 57	88 27		C						USFS	
MUSCLE SHOALS	5749	COLBERT	TENNESSEE	34 44	87 36	540	C	MID	MID	59	65		CAA	2 3 5
NEW BROCKTON	5842	COFFE	CROCTAWHATCHEE	31 23	85 56		C		MID		8		E. EARL BOYETT	2 3 4
NEW MARKET	5862	MADISON	TENNESSEE	34 54	86 26	725	C		7A		6		TVA-624	2 3
NEWTON	5875	DALE	CHOCTAWHATCHEE	31 20	85 37	216	C		10A		33		FURN WYNN	2 3 7
ONEONTA	6121	BLOUNT	BLACK WARRIOR	33 57	86 30	857	C	6P	7A	38	47		L. E. SELLERS	2 3
ORRVILLE	6161	DALLAS	ALABAMA	32 18	87 14	200	C		8A		8		EDWARD B. WARREN	2 3
OZARK	6218	DALE	CHOCTAWHATCHEE	31 23	85 39	400	C	4P	7A	47	59		MRS. MARY E. SCOTT	2 3 5
PAINT ROCK	6226	JACKSON	TENNESSEE	34 40	86 20	610	C		MID		13		TVA-69	2 3 4
PALMERDALE	6246	JEFFERSON	CAHABA	33 44	86 39		C		10A		1		ROBERT P. STORES	
PERRYVILLE	6362	PERRY	CAHABA	32 37	87 08		C		8A		7		MRS. GERTRUDE GREEN	2 3
PETERMAN	6370	MONROE	ALABAMA	31 35	87 16		C		MID		8		MRS. MINTA EDDINS	2 3 4
PICKENSVILLE	6414	PICKENS	TOMBIGBEE	33 13	88 16		C		7A		8		MRS. DORA I. CLAY	2 3
PINE BILL	6460	WILCOX	ALABAMA	31 59	87 36	110	C		8A		8		AUBREY T. WEATHERLY	2 3
PINE LEVEL	6468	MONTGOMERY	CONECUH	32 04	86 04		C		7A		9		C. W. ADAMS	2 3
PLANTERSVILLE	6508	DALLAS	ALABAMA	32 39	86 56		C		8A		9		O. W. BURNES	2 3
PLEASANT BILL	6526	DALLAS	ALABAMA	32 09	86 58		C		MID		4		CHARLES M. BENRY	2 3 4
PRATTVILLE	6640	AUTAUGA	ALABAMA	32 28	86 28	281	C	6P	6P	50	47		A. L. POWELL	2 3 5
PRIMROSE FARM	6684	MONTGOMERY	ALABAMA	32 20	86 15	180	C		8A		28		W. E. ELSEBERRY	2 3
PUSHMATAHA	6719	CHOCTAW	TOMBIGBEE	32 12	88 21		C	6P	6P	58	58		MRS. JANIE C. BROWN	2 3 5
REFORM	6847	PICKENS	TOMBIGBEE	33 23	88 01		C		7A		11		W. M. MC DONALD	2 3
RIVER FALLS	6937	COVINGTON	CONECUH	31 21	86 32		C		8A		21		JOHN R. BRADLEY	2 3 7
RIVER FALLS 2 MILES NE	6942	COVINGTON	CONECUH	31 23	86 33		C		MID		5		ALABAMA ELECTRIC CO.	2 3 4
ROBERTSDALE 7 MILES E	6988	BALDWIN	GULF	30 33	87 48	148	C	6P	6P	19	37		CARL BOSECK	2 3 5
ROCK MILLS	7025	RANDOLPH	CHATTahoochee	33 09	85 18	745	C	5P	7A	14	18		JAMES B. BAILEY	2 3 5
SAINT BERNARD	7157	CULLMAN	BLACK WARRIOR	34 12	86 47	802	C	6P	7A	42	42		FR. FREDERICK SMITH	2 3 5
SAYRE	7282	JEFFERSON	BLACK WARRIOR	33 43	86 58	304	C		7A		11		DORA R. WEBSTER	2 3
SCOTTSBORO	7304	JACKSON	TENNESSEE	34 41	86 02	652	C	6P	7A	66	67		MRS. KINZIE BOBO	2 3 5
SEALE 7 MILES WNW	7328	RUSSELL	CHATTahoochee	32 18	85 17	358	C		8A		24		B. G. BUSH	2 3
SELMA	7366	DALLAS	ALABAMA	32 25	87 00	147	C	6P	8A	69	69		W. C. ROBINSON	2 3 5 7
SHEFFIELD TVA NRSY	7415	COLBERT	TENNESSEE	34 46	87 42	505	C		8A		14		TVA-49	2 3
SLOCUMB	7576	GENEVA	CHOCTAWHATCHEE	31 06	85 35		C		6A		1		PATRICK B. SMITH	2 3
SNOW HILL	7620	WILCOX	ALABAMA	32 00	87 01	225	C		7A		11		MRS. EVA R. RAY	2 3
SOUTH HILL	7671	DE KALB	TENNESSEE	34 24	86 02	990	C		7A		13		TVA-75	2 3
SPRING HILL	7733	MOBILE	GULF	30 42	88 10	175	C	9A	9A	36	37		HAMLIN H. TIPPINS	
SWAIM	7968	JACKSON	TENNESSEE	34 53	86 13	665	C		9A		10		TVA-385	2 3
SYLACAUGA	7994	TALLADEGA	COOSA	33 10	86 13	548	C		8A		13		ALABAMA POWER CO.	2 3
SYLVANIA	8012	DE KALB	TENNESSEE	34 34	85 49	1400	C		7A		10		TVA-386	2 3
TALLADEGA	8024	TALLADEGA	COOSA	33 26	86 06	554	C	6P	6P	59	60		C. D. WEAVER	2 3 5
THOMASVILLE	8178	CLARKE	TOMBIGBEE	31 55	87 45	385	C	6P	7A	57	58		MRS. MINNIE DEATON	2 3 5
THORSHY 1 MILE SW	8204	CHILTON	ALABAMA	32 54	86 44		C		MID		5		SCS	2 3 4
THURLOW DAM	8215	ELMORE	TALLAPOOSA	32 32	85 54	288	C		6A		12		ALABAMA POWER CO.	2 3
TIBBIE	8223	WASHINGTON	TOMBIGBEE	31 22	88 15	226	C		8A		9		MISS. DOROTHY TAYLOR	2 3
TONEY	8259	MADISON	TENNESSEE	34 54	86 44	750	C		MID		7		TVA-506	2 3 4
TRAFFORD	8285	JEFFERSON	BLACK WARRIOR	33 49	86 44		C		7A		7		MRS. M. JOHNSON	2 3 4
TROY	8323	PIKE	PEA	31 49	85 58	590	C	8A	8A	41	53		THOMAS J. DILLARD	2 3 4 5
TUSCALOOSA AIRPORT	8380	TUSCALOOSA	BLACK WARRIOR	33 14	87 37	170	C	MID	MID	68	70		CAA	2 3 4 5
TUSCALOOSA LOCK & DAM	8385	TUSCALOOSA	BLACK WARRIOR	33 13	87 35	152	C		7A		22		U. S. ENGINEERS	2 3 7



# STATION INDEX - Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° / '	LONG. ° / '	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
TUSKEGEE	8398	MACON	TALLAPOOSA	32 24	85 42	459	C	5P	5P	50	50		W. T. THOMPSON	2 3 5
UNION SPRINGS	8438	BULLOCK	CONECUH	32 08	85 44	485	C	6P	8A	62	82		MRS. DOROTHY SMITH	2 3 5
UNIONTOWN	8446	PERRY	ALABAMA	32 27	87 31	273	C		8A		40		MISS. MARY MARTIN	2 3
UNIVERSITY	8454	TUSCALOOSA	BLACK WARRIOR	33 12	87 33	225	C	MID	MID	68	70		DR. F. H. MITCHELL	2 3 5
VALLEY HEAD	8469	DE KALB	COOSA	34 34	85 36	1031	C	6P	8A	64	64		MRS. CARRIE DALBY	2 3 5
VANCE	8477	TUSCALOOSA	CABABA	33 10	87 13		C		7A		8		WM. F. VANCE	2 3
VERNON	8517	LAMAR	TOMBIGBEE	33 45	88 07	180	C		MID		8		G. C. MOORE, JR.	2 3 4
WADLEY	8605	RANDOLPH	TALLAPOOSA	33 08	85 34	640	C		6A		15		ALABAMA POWER CO.	2 3
WALLACE	8637	ESCAMBIA	CONECUH	31 12	87 14		C		8A		8		MRS. RUBY SOWELL	2 3
WALNUT GROVE	8648	ETOWAH	BLACK WARRIOR	34 04	86 19	850	C		7A		7		MRS. FLORENCE PARKER	2 3
WATERLOO	8686	LAUDERDALE	TENNESSEE	34 55	88 04	445	C		7A		52		HORACE E. PYBURN	2 3
WEST BLOCTON	8809	BIBB	CABABA	33 07	87 07		C		8A		8		RUPERT M. BEARDEN	2 3
WETUMPKA	8859	ELMORE	COOSA	32 32	86 12	205	C	6P	8A	53	57		MRS. D. R. WHITAKER	2 3 5 7
WHATLEY	8867	CLARKE	TOMBIGBEE	31 39	87 43		C		7A		9		LEONARD L. COLEMAN	2 3
WHEELER DAM	8875	LAWRENCE	TENNESSEE	34 47	87 21	580	C		7A		13		TVA-52	2 3
WINFIELD 2 MILES SW	8998	FAYETTE	TOMBIGBEE	33 56	87 49	468	C		7A		15		W. W. COTNEY	2 3
YATES HYDRO PLANT	9103	ELMORE	TALLAPOOSA	32 34	85 54	335	C		6A		58		ALABAMA POWER CO.	2 3

## REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24-hours ending at time of observation. See the Station Index for observation time.

- No record.

+ And also on later dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

6M No recording gage, precipitation measured at 7:30 a.m. EST, 1:30 p.m. EST, 7:30 p.m. EST and midnight local time.

6X Daily totals are for the 24 hours ending at 12:30 a.m. CST of the following day.

M One or more days of record missing; see Table 5 for detailed daily record.

R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.

T Trace, an amount too small to measure.

Z Hourly amounts from recording gage at the same site may be found in Table 4.

Data in Table 4 were formerly published in the Hydrologic Bulletins for Ohio River and South east Districts. Amounts in this table are from recording gages. Traces are not shown.







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# CLIMATOLOGICAL DATA

ALABAMA

OCTOBER 1948

Volume LIV No. 10





ALABAMA - OCTOBER, 1948

E. D. Emigh, Section Director - Montgomery

General Summary

During October the Northern Division of Alabama received just slightly more than a fourth of the normal amount of rain, while the Southern Division had half an inch less than the normal. The other portions of the State would have been just as dry if the rains measured in the southeast on the 4th and again over much of the south and south central portions on the 11th had not been moderately heavy. The driest section was over Fayette, Lamar and Marion Counties, where the apparent average was less than a quarter inch for the entire month.

Temperatures were briefly rather high around the middle of the month and at the end, but otherwise were somewhat below normal most of the time. An exceptional drop was recorded on the morning of the 18th, when unusually early frost occurred over the Northern and Middle Divisions, and in scattered portions of the Southern Division. Early morning readings below 32° were reported on the 18th or 19th, or both, at all northern stations and at about a third of the stations in the Middle Division. The 37° minimum at the Montgomery City Office on the 18th equalled the second lowest ever recorded at that station so early in the season.

No severe local wind storms were reported and there were no floods.

The month was very favorable for harvesting activity and for the planting of oats and legumes for cover crops and pasturage. The gathering of peanuts, sweet potatoes, soy beans, hay, and other staples was virtually completed. Only a small portion of the corn crop was still in the fields at the end of the month, and cotton was mostly "out" except in the north where some of the late crop was yet to be picked. Although rainfall was abnormally light, the soil remained in good condition to work, and fine crops of grain, legumes, and garden stuff, were started. The absence of prolonged high temperatures helped conserve the soil moisture remaining after the good rains late in September. Frosts on the 18th and 19th killed most grasses in the north and reduced pasturage elsewhere, but over most of the State cattle continued to do well on pasturage and some feeding of roughage. -FCP

TEMPERATURE

The monthly mean temperature for the State, determined from the records of 61 stations, was 62.0°, or 2.9° below the normal. The highest local monthly mean was 67.4° at Fairhope and at Gulf Shores; the lowest was 55.9° at Valley Head. The highest temperature recorded was 89° at Ozark on the 16th; the lowest was 23° at Valley Head on the 20th, making the monthly range for the State 66°.

PRECIPITATION

The monthly average for the State, determined from the records of 61 stations, was 1.47 inches, or 1.11 inches less than the normal. The greatest monthly amount was 5.96 inches at Ozark; the least was none at Vernon. The greatest amount of precipitation in any observational day was 3.50 inches at Melvin measured on the 11th. Precipitation amounting to 0.01 inch or more fell on an average of 4 days.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA  
OCTOBER 1948

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
ANNISTON WB AIRPORT	30.38	21	29.86	6	-	-	-	-	93	93	45	93	-	200
BIRMINGHAM WB AIRPORT	30.33	21	29.84	6	6.0	24	NW	17	82	89	45	68	66	154
MOBILE WB CITY	30.29†	18	29.75†	11	7.0	28	N	17	85†	84†	51†	73†	66	43
MONTGOMERY WB CITY	30.30†	21	29.83†	6	5.5	21	NW	17	86†	92†	42†	64†	73	74
† AIRPORT DATA														

TABLE 1  
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1884	69.9	99	28	1.43		4	1919	74.4	99	46	4.63		8
1885	60.0	86	26	2.77		6	1920	64.8	94	24	1.12		2
1886	64.9	91	28	0.39		2	1921	63.0	91	29	2.32		4
1887	62.1	87	22	3.42		5	1922	65.3	92	32	2.56		6
1888	62.4	87	30	4.04		7	1923	63.7	97	28	2.65		4
1889	61.8	90	27	0.80		3	1924	65.1	93	26	0.31		1
1890	62.7	93	24	4.07		7	1925	65.3	98	26	5.75		11
1891	61.1	96	23	0.24		1	1926	66.9	98	30	2.10		6
1892	65.0	94	23	0.56		2	1927	67.8	98	29	2.04		4
1893	63.1	95	22	2.15		3	1928	67.9	97	32	3.34		7
1894	64.0	95	30	2.54		4	1929	63.1	89	30	5.10		7
1895	61.0	93	27	2.01		4	1930	62.5	88	23	2.72		5
1896	63.9	98	26	2.39		4	1931	68.3	97	30	1.76		3
1897	67.3	97	30	1.32		3	1932	62.8	89	30	6.47		7
1898	61.5	96	24	4.21		6	1933	66.5	98	32	1.95		4
1899	66.4	92	29	2.21		4	1934	67.1	92	31	6.42		6
1900	69.1	98	44	5.52		6	1935	67.5	92	30	1.73		3
1901	62.9	92	31	1.06		2	1936	67.1	94	30	2.12		5
1902	63.7	95	26	3.66		4	1937	63.1	98	23	6.00		10
1903	63.6	97	22	1.84		4	1938	66.7	97	26	0.33		1
1904	64.9	101	25	0.32		2	1939	66.9	94	26	0.38		3
1905	64.6	91	30	4.46		8	1940	66.1	95	34	1.40		3
1906	61.3	90	25	3.44		6	1941	72.0	98	34	2.14		5
1907	63.6	95	26	1.42		4	1942	66.0	91	25	1.99		6
1908	60.8	92	27	1.77		4	1943	61.9	92	26	0.86		2
1909	64.0	96	25	1.58		3	1944	64.2	92	24	0.56		2
1910	66.7	98	21	3.20		6	1945	64.0	95	31	3.72		5
1911	68.9	101	30	3.12		6	1946	65.2	91	30	1.42		3
1912	66.3	98	29	3.01		5	1947	70.2	92	36	1.80		6
1913	61.3	94	19	2.21		5	1948	62.0	89	23	1.47		
1914	64.1	90	24	2.88		6	Period	64.9	101	19	2.58		
1915	67.1	94	28	4.93		8							
1916	64.8	97	26	1.74		3							
1917	58.4	95	22	1.46		3							
1918	69.0	94	38	8.67		12							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## CLIMATOLOGICAL DATA

ALABAMA  
OCTOBER 1948

Table 2

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE	58.2	- 4.1	80	2+	27	19+	3	1.05	- 2.22	0.60	23	.0			5	1		
ANNISTON	59.2	- 3.8	81	14+	29	26	4	0.53	- 2.09	0.29	17	.0			7	1		
ANNISTON WB AIRPORT	58.8	-	82	2+	29	20	4	0.64	-	0.35	17	.0			5	1		
BIRMINGHAM WB AIRPORT	60.5	- 1.9	82	14+	29	19	2	0.70	- 1.72	0.36	17	.0			4	2		
BIRMINGHAM WB CITY	64.1	- 0.7	85	3	30	18	2	0.71	- 1.71	0.35	18	.0			4	2		
CORDOVA	60.8	- 2.3	84	15+	25	19	3	0.39	- 2.68	0.23	11	.0			2			
DECATUR	59.9	- 2.3	84	16+	31	19+	2	0.87	- 2.20	0.37	18	.0			7	1		
FAYETTE	60.6 M	-	85	2+	24	19+	5	0.27	- 2.42	0.15	11	.0			2			
GADSDEN	57.5	- 5.7	82	3+	27	18+	7	0.85	- 2.46	0.35	18	.0			5	2		
GOODWATER	60.4	- 4.1	82	17+	31	18	2	1.31	- 1.56	0.67	4	.0			4	1		
HALEYVILLE	60.9	-	82	16	30	18	2	0.43	-	0.20	18	.0			4			
HUNTSVILLE	58.0	-	82	16	25	19	4	1.57	- 1.75	0.43	31	.0			7	3		
LOCK NO 4	58.2	- 5.3	80	3+	30	19	3	0.49	- 2.65	0.26	18	.0			4	1		
MADISON	58.6	- 4.1	84	17	25	18+	3	1.29	- 2.10	0.54	5	.0			8	2		
MUSCLE SHOALS	59.4	- 2.4	84	14	28	19	2	1.23	- 1.99	0.88	17	.0			5	1		
ONEONTA	58.0	- 3.5	82	15+	26	19	5	0.10	- 2.94	0.08	18	.0			2			
ROCK MILLS	59.8	-	86	3	32	19	1	0.84	- 1.96	0.32	18	.0			5	1		
SAINT BERNARD	-	-	83	17				0.29	- 3.45	0.14	18	.0			4			
SCOTTSBORO	60.6	- 0.6	85	16	29	19	2	1.85	- 1.42	0.73	18	.0			7	3		
TALLADEGA	59.6	- 4.5	83	3+	29	19	3	0.31	- 2.74	0.18	18	.0			3			
TUSCALOOSA AIRPORT	61.6	- 3.1	86	1	28	19	3	1.11	- 1.79	0.71	11	.0			6	2		
UNIVERSITY	62.4	- 2.3	84	1+	31	18	2	0.94	- 1.96	0.37	11	.0			6	1		
VALLEY HEAD	55.9	- 4.6	79	6+	23	20	6	1.13	- 2.32	-		.0						
DIVISION	59.7							0.82				.0						
MIDDLE DIVISION																		
ALEXANDER CITY 6 MI N	59.0	-	81	15+	29	19	6	0.61	-	0.26	11	.0			4	1		
AUBURN	61.1	- 5.0	83	2+	33	18		1.37	- 1.51	0.73	11	.0			5	2		
CENTREVILLE	63.1	- 1.9	86	2	30	19	2	1.37	- 1.48	0.70	5	.0			4	2		
CLANTON	60.2	- 4.0	84	3+	30	18	2	1.36	- 1.26	0.79	4	.0			4	2		
DAYTON	64.2	-	84	1+	31	18	2	1.40	-	1.03	11	.0			3	1	1	
EUFULA	62.7	- 3.0	85	3	35	19		1.88	- 0.64	0.80	11	.0			5	3		
GREENSBORO	64.7 M	- 0.5	85	2+	32	18+	2	0.90	- 1.74	0.46	11	.0			5	1		
GREENVILLE	64.0 M	- 2.0	82	2+	34	18		3.93	1.39	1.97	11	.0			6	3	2	
HIGHLAND HOME	64.5	- 2.8	83	1+	34	18		4.04	1.48			.0			4			
LA FAYETTE	60.6	-		32	18		1	-	-	-		.0						
LIVINGSTON	62.6	- 1.1	84	1+	29	19	2	0.72	- 1.61	0.72	11	.0			1	1		
MAXWELL FIELD	63.5	-	85	2	36	18+		1.54	-	1.09	11	.0			5	1	1	
MONTGOMERY WB AIRPORT	63.6	-	88	2	34	19		1.89	-	1.04	11	.0			5	3	1	
MONTGOMERY WB CITY	64.6	- 2.0	84	2	37	18		1.85	- 0.61	1.05	11	.0			5	2	1	
PRATTVILLE	62.2 M	- 2.8	85	2	34	19		1.00	- 1.57	0.80	11	.0						
PUSHMATAHA	62.2	- 3.0	85	3+	31	19	1	2.80	0.16	1.55	11	.0			3			
SELMA	63.0	- 2.5	84	18	34	19		1.12	- 1.30	0.83	11	.0			4	1		
THOMASVILLE	64.8	- 0.9	85	16+	31	19	2	2.57	0.12	2.48	11	.0			2	1	1	
TROY	64.3	- 3.5	83	3+	35	18		1.75	- 0.70	1.53	11	.0			2	1	1	
TUSKEGEE	63.2	- 3.9	85	2	34	19		0.91	- 1.49	0.90	11	.0			2			
UNION SPRINGS	63.6	- 2.1	83	3	35	18+		2.28	- 0.63	1.88	11	.0			6	1	1	
WETUMPKA	62.4	- 4.6	84	3	34	18		1.26	- 1.43	0.60	11	.0			5	1		
DIVISION	62.9							1.74				.0						
SOUTHERN DIVISION																		
ANDALUSIA	64.8	-	84	3+	36	18		2.49	-	1.76	12	.0			4			
ATMORE STATE FARM	64.8	-	85	1+	34	19		3.40	-	2.55	11	.0			4	3	1	
BAY MINETTE	65.4	- 3.6	86	2	34	18+		2.21	- 2.14	1.31	11	.0			2	2	1	
BREWTON 3 MILES SSE	63.0	- 3.7	85	1+	32	19+	2	4.13	1.06	3.10	11	.0			5	3	1	
CITRONELLE	66.0	- 2.9	85	18	36	18+		2.31	- 1.02	1.69	11	.0			2	2	1	
DOTHAN CAA AIRPORT	64.8	-	85	17+	37	19		3.76	0.99	1.63	11	.0			6	4	1	
EVERGREEN	65.2	- 1.5	87	3+	35	18		1.70	- 1.06	1.70	11	.0			1	1	1	
FAIRHOPE	67.4	- 2.2	87	7	36	18		0.96	- 3.01	0.78	11	.0			3	1		
FRISCO CITY	66.2	-	86	1	34	18		2.61	- 0.38	2.40	11	.0			2	1	1	
GENEVA	63.8	-	85	3+	34	19		3.70	1.20	1.12	11	.0			7	4	1	
GULF SHORES 3 MILES WSW	67.4 M	-	85	3+	39	18		0.04	-	0.04	11	.0			1			
LOCKHART	65.6	-	84	3+	38	18+		2.80	-	2.42	11	.0			6	1	1	
MOBILE WB AIRPORT	66.7	-	85	7	35	18		1.45	-	0.91	11	.0			4	2		
MOBILE WB CITY	67.2	- 2.1	84	16	39	18		1.80	- 1.80	1.30	11	.0			5	2	1	
OZARK	64.4	- 3.4	89	16	38	19		5.96	3.38	3.10	4	.0			8	5	2	
ROBERTSDALE 7 MILES E	65.2	-	85	3	35	19		1.04	- 3.02	0.61	11	.0			4	2		
SPRING HILL	66.4 M	- 2.6	85	17	36	18		1.34	- 2.60	0.99	11	.0			5			
DIVISION	65.5							2.45				.0						
STATE	62.0	- 2.9						1.47	- 1.11			.0						

See reference notes following Station Index.



## DAILY PRECIPITATION

ALABAMA  
OCTOBER 1848

ble 3

Station		Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BBEVILLE	R	.75		1.81	.45							1.67						.31														4.88	
BDISON	R			1.01				.03				.05						.18													.21	1.46	
BEERTA									.30			1.46								.13												1.88	
BEERTVILLE									.08			.10								.12												1.05	
BEKANDER CITY 6 MI NE				T	.11				.08			.28	T							.16			.15	.60								.81	
BICEVILLE												.45								.10												.55	
BDALUSIA				T					.17			*		1.76						.56												2.48	
BNISTON			.01	T				.02			.01	.12						.29				.01									.07	.53	
BNISTON WB AIRPORT			T	T				.04			.02	.14						.35				T									.08	.84	
BLEY																			.20					.03								.23	
BHGLAND	// R		.04	.08				.10				.13						.31													.08	.72	
BHVILLE								T					.23						.32					.18								.73	
BHENS					.26			.02				.03						.48				T									T	.84	
BHORE STATE FARM	Z	.01			.10				.30			2.55	.05					.50														3.40	
BHURN								.36				.73						.17														1.37	
BHURN 4 MILES N	R			.09				.17				.57						.21														1.04	
BTADGAVILLE								.18				.80							.22													1.18	
BT MINETTE												1.31							.80													2.21	
BTATRICE												2.00																				2.00	
BTGREEN	R							.05	.03			.10						.51				.02									.34	1.05	
BTERRY	R			.06														.08														.15	
BTXAR 2 MILES SE	R																	.14													.28		
BTLLINGSLEY								.22				.60							.18													.88	
BTMINGHAM WB APT	Z		T	T				.02			.01	.31						.36				T									T	.70	
BTMINGHAM WB CITY				.01	T			T	.03			.32	T					.35					T									.71	
BTSHOP									.08				.12						1.17													1.37	
BTZ								.10				.02	.11					.10					.55								.56	1.44	
BTANTLY				1.40								1.21																				2.81	
BTWTON 3 MILES SSE		.04						.07				3.10	.42					.50														4.13	
BTIDGEPORT				.32	.36			.05				.04						.81				.07	.08									1.78	
BTUNDIDGE				.20					T			.46	.86					.08														1.58	
BTLERA				T	.03			.14				.27						.30														.74	
BTBELL	R							.04			.87	1.85						.18														2.85	
BTBON HILL				.20		.03		.05	.05			.20						.25				.20	T									.88	
BTTER GROVE				T	.17	T		.19				T	.10	T				.75				T	.18	T								1.38	
BTREVILLE					.70			.12				.40						.15														1.37	
BTILDESBURG								.05				.14						.11														.30	
BTIRONELLE												1.69						.62														2.31	
BTANTON				.79				.13				.34						.10														1.38	
BTANTON				.22								1.46						.05														1.73	
BTFFEE SPRINGS		.38		1.10	.26			.10			1.90	.55						.13														4.43	
BTLLINSVILLE												.27						.13					.15	.50								1.05	
BTUMBIA		1.31	.04	2.38	T							.64	1.30					.07														5.74	
BTDOVA												.23						.16														.38	
BTBA									T			.78						.15														.83	
BTDEVILLE				.05	.41			.26				.38						.30					.03									1.43	
BTDEVILLE NO 2	R		.06	.38				.24				.35						.28														1.31	
BTNCY				.07								.54						.04														.85	
BTYTON								.21				1.03						.16														1.40	
BTACATUR				.14	.21	T		.03				.02	.02					.37				.08										.87	
BTWOPOLIS									.04			.58																				.62	
BTAN CAA AIRPORT	Z	.58	.07	.87	.50							1.83						.11														3.76	
BTOD				.20				.10				.60							.15													1.05	
BTFAULA		.08	.20	.50	T							.80	.30																			1.88	
BTAW LOCK NO 7	Z							.06				.54						.18														.78	
BTGREEN					T							1.70						T														1.70	
BTROPE								.04				.78						.14														.88	
BTLEVILLE			*	.25	.65													.35														1.00	
BTLS CITY 6 MI NW												.15						.50													</		

# DAILY PRECIPITATION

ALABAMA  
OCTOBER 1946

Table 3-Continued

Station		Day of Month																															Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MOBILE WB CITY	Z					1.00		.10	.04		.04	1.30						.32															1.80	
MONTE SANO								.06	.01			.07							.70				.06										1.90	
MONTEVALLO												.48											.10										.58	
MONTGOMERY WB APT				.31	.40			.05			T	1.04						.09															1.89	
MONTGOMERY WB CITY	Z			.12	.54			.04			T	1.05						.10															1.85	
MOULTON	// R				.12	.05						.03						.35					.16									.23	.94	
MUSCLE SHOALS								.09			T	.12						.88					.03										1.23	
NEW BROCKTON				2.92	.10							1.30						.36																
NEW MARKET					.05							.11	.10									.56											.91	
NEWTON		.04			2.03							1.03										.08											3.18	
ONEONTA												.02																					.10	
ORRVILLE									.21			.97											T										1.20	
OZARK		.27	.15		3.10	.02			.10			1.30	.71						.31														5.98	
PAINT ROCK	R							.04				.03					.21	.39					.43										1.42	
PALMERDALE											.07								1.60														.25	1.60
PERRYVILLE					.36							.60							.08														1.04	
PETERMAN	R											2.25							.10														2.35	
PICKENSVILLE													.45						T														.45	
PINE HILL									.04			2.15							T														2.19	
PINE LEVEL									.25			1.82							.04														2.11	
PLANTERSVILLE					.05	.10				.21		.55							.15														1.08	
PLEASANT HILL	R	-	-	-	-	-	-	-	-	-	-	.89						.09															-	
PRATTVILLE					.09	.02			.09			.80																					1.00	
PRIMROSE FARM					.08	.67			.11			1.03							.10														1.99	
PUSHMATAHA			*	1.25								1.55																					2.80	
REFORM												.37							.17				T										.54	
RIVER FALLS									.16			1.64							.64														2.44	
RIVER FALLS 2 MI NE	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															-	
ROBERTSDALE 7 MI E								.04				.61						.05	.34														1.04	
ROCK MILLS					.15			.10				.20	.07						.32					T									.84	
SAINT BERNARD								.02				.05							.14				.08										.29	
SAYRE				.10	.40			.02				.33							.30														1.15	
SCOTTSBORO				.31				.01	.05			.02							.73				.15	.58									1.85	
SEALE 7 MILES WNW												1.48																					1.48	
SELMA				T	.07			.09				.83							.13														1.12	
SHEFFIELD TVA NRSY								.01					.01						1.02														1.04	
SLOCOMB			.50	1.19							*	1.78							.10														3.57	
SNOW HILL								.16				1.39																					1.55	
SOUTH HILL				.02				.01	.17			.10							.06				.54	.32									1.22	
SPRING HILL								*	*			.99							.35														1.34	
SWAIN				.04				.08	.04			.06	.06						.70				.06										1.04	
SYLACAUGA					.03				.05			.23							.32														.63	
SYLVANIA												.08							.08				.10	.67									.93	
TALLADEGA								.05				.08							.18														.31	
TALLADEGA HRN MT TWR								.09				.13							.39														.61	
THOMASVILLE									.09			2.48																					2.57	
THORNSBY 1 MILE SW	R			.04				.05				.30																					.39	
THURLOW DAM				.57	.04			.12				.65	.03							.20													1.61	
TIBBIE												1.95																					1.95	
TONEY	// R			.04				.03				.13						.48															.30	
TRAFFORD	Z																		.37															
TROY	Z			.22								1.53																					.54	
TUSCALOOSA AIRPORT			.03		.03			.02				.71							.27														.05	
TUSCALOOSA LCK DAM				.04	.02			.08	.10			.51																					.73	
TUSKEGEE				.01								.90																					.91	
UNION SPRINGS				.07	.05				.20			1.88	.03						.05														2.28	
UNIONTOWN								.49											.11														-	
UNIVERSITY			.15	.14				.09				.37						.17															.94	
VALLEY HEAD								*				*						*					.80	.33									1.13	
VANCE								.35				.25							.20														.80	
VERNON	R																																.00	
WADLEY																																	-	
WALLACE					.41				.18				2.20						.72														3.51	
WALNUT GROVE								*										*															.83	
WATERLOO												.31						T	.72						.63								1.03	
WEST BLOCTON									.17			.05																						

ALABAMA  
OCTOBER 1948

[illegible]

SEE REFERENCE NOTES FOLLOWING STATION INDEX



ALABAMA  
OCTOBER 1948

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# TABLE 4 — Continued

## HOURLY PRECIPITATION

ALABAMA  
OCTOBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
													-18th-												
UNISTON WB AIRPORT 6	.15																								
LDWAY	.01		.01		.01																				.03
MONTGOMERY WB AIRPORT 6	.07																								
IVER FALLS 2 MILES NE	-	-	-	-	-	-	-	-	-	-	-	-													-
													-19th-												
NEW BROCKTON																									
													-22d-												
ELGREEN		.01				.01																			.02
LAZ				.02	.11	.03	.06	.22	.06	.04	.01														.55
LAT ROCK										.17	.23														.40
ORT PAYNE						*	*	*	*	*	*	.81													.81
UNTERSVILLE REC					.03	.07	.10	.04	.06	.11	.01														.42
UNTSVILLE 6	*	*	*	*	*	*	.07	*	*	*	*	*		.05											
JACKSONVILLE //										.06	.01														.07
DULTON //							.10	.01	.01	.01	.02				.02										.16
USCLE SHOALS 6	*	*	*	*	*	*	.03																		
LAINT ROCK				.02		.08	.05		.06	.20															.43
													-27th-												
ARION 1 MILE SSE	-	-	-	-	-	-	-	-	-	-	-	-													-
													-31st-												
DDISON		.01	.13												.01	.02	.02	.01	.01						.21
RELAND //																						.05	.01		.06
EMORE STATE FARM	-	-	-	-	-	-	-	-	-	-	-	-													
ELGREEN										.11	.01	.10	.11		.01										.34
LEAR 2 MILES SE										.10	.04	.01	.10	.04	.01										.15
LAZ																.07	.12	.30	.06	.01					.56
LAT ROCK														.01		.03	.01								.12
ORT PAYNE																.01	.01	.01	.01	.01	.07				.05
ARDEN CITY																.10	.08								.22
UNTERSVILLE REC																.10	.02	.04							.17
ALEYVILLE													.04	.02	.10	.09	.02	.01							.28
UNTSVILLE 6														*	*	*	*	*	.43						
JACKSONVILLE //																			.01			.02	.05		.08
DULTON //														.10	.10	.01	*	.02							.23
USCLE SHOALS 6														*	*	*	*	*	.11						
W BROCKTON	-	-	-	-	-	-	-	-	-	-	-	-													-
LAINT ROCK													.03	.03	.13		.01	.01	.02	.01	.01				.25
NEY //												.09	.11		.02	.05			.02	.01	.01		.01		.30
LAFFORD	-	-	-	-	-	-	-	-	-	-	-	-													-
SCALOOSA AIRPORT 6													*	*	*	*	*	.05							
IVERSITY																.01	.01								.02

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES

ALABAMA  
OCTOBER 1946

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE	MAX MIN	79 52	60 55	75 58	73 53	70 51	71 47	73 44	74 44	67 43	76 47	76 50	72 41	71 44	75 49	60 54	76 54	60 54	77 30	55 27	85 39	66 39	69 44	55 37	68 37	69 40	69 39	74 39	70 41	77 41	77 47	78 47	72.3 44.1
ALEXANDER CITY 6 MI NE	MAX MIN	78 60	78 62	76 60	80 63	69 55	71 45	71 46	74 51	75 41	76 48	70 54	75 56	60 40	76 42	61 45	60 45	61 50	80 32	57 29	69 30	72 31	74 38	70 42	72 37	69 30	72 32	77 34	71 33	76 43	79 43	78 45	74.3 43.8
ANDALUSIA	MAX MIN	81 65	82 65	84 64	76 64	76 56	86 50	77 55	82 55	80 47	78 49	81 59	71 59	79 50	61 50	63 54	83 59	84 36	80 37	65 36	75 40	73 55	76 46	73 46	77 49	72 51	79 54	79 54	60 56	81 56	77.2 52.5		
ANNISTON	MAX MIN	80 50	60 55	77 56	72 60	73 52	77 50	87 51	72 45	75 43	60 39	79 47	73 44	76 39	81 41	81 47	61 52	59 41	70 30	70 31	59 33	72 42	70 42	71 38	71 38	80 29	75 36	60 36	79 47	80 45	79 47	74.8 43.7	
ANNISTON WB AIRPORT	MAX MIN	80 49	62 54	77 56	70 58	72 50	75 48	65 50	73 43	75 40	76 47	74 59	77 44	82 40	61 48	62 48	82 32	57 30	69 29	71 35	69 42	80 42	71 38	68 34	72 30	78 37	74 38	79 45	60 46	81 48	77 48	74.5 43.1	
ATMORE STATE FARM	MAX MIN	85 80	65 69	65 66	83 60	60 56	72 50	80 58	82 59	80 48	62 46	83 55	78 80	79 50	80 50	84 51	85 55	61 56	85 35	60 34	88 38	75 43	77 45	78 49	78 49	75 42	72 41	76 48	80 45	80 54	84 57	79.0 50.7	
AUBURN	MAX MIN	78 58	83 63	83 60	63 59	69 53	69 49	77 51	78 56	70 45	75 47	72 56	70 57	74 45	81 48	80 48	80 53	59 33	57 33	87 36	72 38	71 50	69 42	72 43	69 43	72 43	78 44	72 42	76 49	79 47	80 51	74.4 47.8	
BAY MINETTE	MAX MIN	60 67	66 63	83 67	80 56	81 55	75 50	62 52	85 58	82 48	62 48	76 55	80 81	62 50	82 51	65 52	84 58	85 56	89 34	86 39	75 40	78 49	79 50	76 54	73 45	77 48	77 47	78 46	80 52	84 54	82 57	79.7 51.1	
BIRMINGHAM WB APT	MAX MIN	80 52	61 58	78 54	74 56	70 52	75 46	71 59	74 45	76 44	79 52	77 46	73 43	76 47	82 48	81 51	82 36	58 31	67 29	72 34	72 45	84 47	73 42	70 38	73 36	76 35	72 38	78 43	80 49	78 52	74.7 46.3		
BIRMINGHAM WB CITY	MAX MIN	61 55	84 58	85 56	60 55	76 57	72 52	76 59	70 50	76 46	60 54	81 56	78 53	77 47	79 52	84 56	63 60	83 84	79 30	60 32	72 38	76 48	74 53	70 43	76 43	74 42	78 41	80 47	73 46	81 55	62 59	77.5 50.7	
BREWTON 3 MILES SSE	MAX MIN	85 56	61 81	84 61	82 61	61 52	70 48	80 49	85 54	82 43	61 49	63 80	77 80	80 46	81 46	84 47	65 51	85 37	65 32	80 32	69 33	75 45	76 46	77 48	75 39	78 36	77 38	71 36	79 38	83 45	82 47	79.0 48.9	
CENTREVILLE	MAX MIN	83 54	86 58	65 58	63 82	80 56	75 46	78 50	72 48	78 47	80 49	62 55	76 58	80 46	82 50	84 54	84 57	82 33	80 32	70 34	76 44	77 42	78 46	75 40	77 40	78 42	75 39	73 45	80 45	82 51	84 54	76.7 47.5	
CITRONELLE	MAX MIN	84 63	81 64	84 63	75 56	78 61	76 54	79 65	80 60	80 54	79 54	61 56	77 81	78 57	78 60	60 80	62 61	85 36	59 36	66 40	74 48	78 53	78 53	75 46	78 46	75 49	72 50	78 50	76 51	81 56	83 80	77.8 54.5	
CLANTON	MAX MIN	82 52	82 54	84 57	77 60	74 57	69 48	75 49	69 50	76 44	79 46	72 52	75 44	76 45	82 49	60 50	64 50	64 30	57 32	67 34	72 35	70 39	73 43	72 39	72 36	74 38	71 40	76 36	80 37	80 47	75.2 45.2		
CORDOVA	MAX MIN	79 55	82 53	83 54	76 53	76 50	72 58	76 44	75 42	78 45	79 56	78 44	70 40	79 43	84 48	84 49	63 50	79 25	57 30	70 35	75 53	71 40	67 35	75 34	74 36	75 47	79 50	74 48	81 48	83 52	76.6 45.1		
DAYTON	MAX MIN	64 55	64 59	80 56	81 56	75 57	83 53	72 59	79 52	80 47	81 54	77 57	77 58	60 42	83 52	83 54	83 51	65 49	69 31	75 32	75 37	75 40	75 55	73 44	73 42	78 43	75 50	62 49	82 52	84 53	78.4 50.0		
DECATUR	MAX MIN	72 54	79 54	79 57	76 55	70 54	70 51	77 50	70 47	72 50	75 81	66 44	71 44	77 45	81 44	84 51	84 82	71 33	52 31	64 31	68 36	75 45	62 43	70 44	71 43	75 43	66 39	75 49	80 49	80 55	73.0 46.8		
DOTHAN CAA AIRPORT	MAX MIN	75 85	82 87	80 85	73 62	71 55	76 52	63 55	79 61	76 51	82 50	79 56	61 51	76 50	62 52	84 52	84 50	65 40	61 37	68 42	74 43	75 52	76 46	73 48	73 44	77 46	72 49	78 50	81 56	80 55	85 51	77.4 51.2	
EUPAULA	MAX MIN	79 56	75 67	85 63	78 65	89 57	69 50	79 53	79 64	77 47	79 49	68 55	79 47	78 46	79 50	83 59	83 38	80 35	68 36	73 39	76 52	76 42	73 44	75 44	74 39	66 40	78 41	79 42	81 42	82 49	76.2 49.2		
EVERGREEN	MAX MIN	85 58	86 65	67 62	61 60	81 51	72 53	83 55	81 59	84 49	62 51	84 59	73 60	79 47	80 49	65 53	86 59	67 35	69 37	77 38	78 41	60 49	78 47	74 46	72 42	80 43	73 45	63 41	84 45	68 56	79.6 50.6		
FAIRHOPE	MAX MIN	84 63	85 67	84 67	80 57	77 57	80 54	67 59	83 61	85 52	80 66	83 64	79 55	83 54	85 58	84 59	66 36	71 37	70 41	77 45	78 55	75 51	77 49	77 51	74 50	77 49	76 48	80 53	81 58	86 59	80.3 49.8		
FAYETTE	MAX MIN	77 50	85 53	84 54	60 53	75 55	76 50	76 51	75 42	80 41	78 46	61 49	70 42	78 36	60 43	85 47	84 52	78 60	71 27	77 24	77 24	77 35	77 46	77 38	77 35	77 34	77 32	75 31	62 37	83 46	63 51	76.2 43.0	
FRISCO CITY	MAX MIN	86 59	84 66	85 62	84 59	81 55	72 49	82 58	82 59	83 45	84 51	62 56	80 51	61 55	84 55	65 60	65 34	84 38	68 40	70 44	78 51	78 46	81 50	60 46	75 46	80 47	81 43	74 53	61 58	84 58	84 51	80.8 51.7	
GADSDEN	MAX MIN	78 49	81 50	82 54	80 56	72 56	72 46	66 46	73 40	75 44	76 38	74 47	75 36	77 40	81 45	80 46	82 49	80 27	58 27	66 29	70 34	70 48	52 40	88 36	87 31	71 30	78 32	78 32	80 38	78 43	73.4 41.8		
GENEVA	MAX MIN	79 63	79 65	85 63	78 62	78 56	70 51	79 53	84 54	81 48	80 48	80 58	78 48	83 47	80 50	84 55	85 40	81 34	62 38	70 36	75 48	75 47	75 47	78 41	75 42	74 42	77 43	80 46	81 43	85 49	78.1 49.5		
GOODWATER	MAX MIN	81 53	80 53	80 58	77 81	71 55	67 46	76 50	67 49	74 45	75 48	76 58	73 44	78 48	81 49	60 52	82 31	82 32	55 36	66 41	72 41	66 43	72 45	69 37	73 39	78 360							



# DAILY TEMPERATURES

ALABAMA  
OCTOBER 1948

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MOBILE WB CITY	MAX MIN	83 62	83 70	81 67	78 60	74 61	80 59	80 65	82 60	80 54	79 56	77 66	79 64	78 56	81 65	83 63	84 49	81 39	59 41	66 44	74 46	77 46	75 58	76 58	74 54	72 52	75 51	75 55	78 49	82 54	82 60	78 64	77.7 56.7
MONTGOMERY WB APT	MAX MIN	86 59	88 65	82 62	75 61	70 54	78 52	75 56	78 53	80 47	79 52	78 58	78 54	79 48	83 49	83 52	84 47	83 35	72 34	77 37	74 39	77 49	77 45	76 44	77 40	79 38	73 41	81 41	83 50	82 50	81 51	78.3 48.9	
MONTGOMERY WB CITY	MAX MIN	82 61	84 66	79 64	73 62	68 57	78 53	74 60	78 59	77 50	79 56	72 60	78 60	78 54	82 54	83 56	83 58	82 46	58 37	69 40	74 43	72 46	72 50	73 46	72 50	75 47	77 48	72 48	78 47	79 54	80 56	81 58	78.2 53.1
MUSCLE SHOALS	MAX MIN	80 58	79 60	75 54	66 49	71 58	74 50	71 52	70 44	76 53	78 57	66 49	72 59	78 41	84 46	83 50	83 53	71 29	53 28	67 35	68 45	73 45	65 44	73 40	64 47	71 38	74 37	70 40	78 35	81 48	81 54	89 55	73.0 45.8
ONEONTA	MAX MIN	79 48	80 52	80 54	77 55	71 55	71 44	77 47	71 41	72 41	76 47	79 50	75 41	74 39	76 41	82 43	81 50	82 55	78 30	56 26	67 28	70 32	72 43	56 41	72 37	69 33	71 31	76 34	72 34	78 37	80 43	81 45	74.2 41.8
OSZARK	MAX MIN	77 64	77 65	82 64	76 54	71 57	66 50	78 54	82 58	77 53	77 57	80 53	70 57	79 59	79 54	83 53	89 55	84 39	60 38	68 39	74 45	76 47	74 46	75 44	72 40	73 47	78 49	72 50	79 52	82 54	80 55	76.6 52.1	
PRATTVILLE	MAX MIN	84 55	85 56	79 58	76 65	76 59	69 50	79 54	73 57	78 46	78 51	79 59	70 58	76 46	78 48	80 50	83 55	83 35	58 34	68 35	74 37			74 44	74 40	73 40	70 41	70 40	77 47	78 50	80 49	75.8 48.5	
PUSHMATAHA	MAX MIN	74 59	78 60	85 62	85 50	81 54	78 46	82 51	74 51	80 44	80 48	71 60	76 59	81 41	82 46	81 53	82 56	82 33	58 31	69 34	74 34	76 45	77 45	77 40	74 39	77 40	76 34	74 36	78 35	82 50	83 51	77.6 46.7	
ROBERTSDALE 7 MI E	MAX MIN	84 64	81 65	85 65	83 59	81 56	73 53	78 56	82 62	81 49	82 49	81 61	81 63	81 52	80 51	83 54	82 54	82 58	82 36	62 35	66 37	70 42	74 53	72 54	72 50	74 46	72 46	75 50	73 45	79 51	81 58	80 57	77.8 52.5
ROCK MILLS	MAX MIN	82 52	85 58	86 60	80 63	69 54	75 56	77 56	76 57	76 42	79 45	78 45	68 50	78 41	79 42	85 45	81 45	81 30	80 33	60 33	70 33	76 35	71 43	62 38	72 34	73 33	77 33	79 34	71 35	80 52	80 44	78.3 43.4	
SAINT BERNARD	MAX MIN	77 50	81 55	79 56	76 53	74 55	72 45	77 53	73 42	73 43	76 43	79 43	69 73	78 78	82 82	82 83	76 76	54 67	67 69	73 73	59 40	72 41	70 38	72 33	76 38	70 34	72 37	79 34	71 37	81 54	80 55	74.3 -	
COTTSBORO	MAX MIN	82 54	83 54	79 55	73 56	76 51	78 53	69 45	78 52	78 40	79 50	67 46	79 41	79 42	83 48	85 53	83 59	74 32	58 29	70 33	72 34	71 47	68 38	72 40	70 39	74 36	78 30	81 41	82 45	83 53	76.3 44.8		
ELMA	MAX MIN	81 57	82 56	83 59	79 60	75 60	68 51	77 56	77 56	77 47	76 53	80 57	73 60	75 48	77 50	79 52	82 53	82 57	84 35	58 34	68 38	73 40	74 55	74 48	75 45	72 42	72 41	75 45	71 40	77 48	80 54	80 55	76.0 50.1
SPRING HILL	MAX MIN	81 61	81 68		84 58	81 59	72 55			81 53		84 53	75 65	81 56	79 56	84 56	85 62	83 61	62 36	66 45	76 46	79 55	75 53	78 53	75 49	70 51	77 53		81 49	83 59	83 81	78.3 54.6	
ALLADEGA	MAX MIN	81 51	81 53	83 56	79 81	72 56	71 47	78 48	66 44	75 40	76 43	78 59	79 52	75 40	78 41	82 44	82 49	83 50	82 32	57 29	68 30	72 34	72 39	67 41	73 39	70 35	73 34	78 34	71 36	80 38	81 47	81 48	75.8 43.5
THOMASVILLE	MAX MIN	82 59	84 62	84 55	80 54	76 56	78 51	81 59	73 56	80 52	81 53	76 56	78 51	79 53	84 54	85 57	84 61	85 32	57 28	68 32	75 37	77 43	78 49	78 45	74 47	74 48	78 48	74 51	79 46	84 54	84 59	78.4 51.1	
ROY	MAX MIN	80 64	81 67	83 64	79 65	74 57	66 52	78 55	80 61	67 53	77 53	81 56	68 57	79 53	77 53	82 53	73 53	83 58	82 35	60 37	68 44	73 45	74 54	75 45	74 51	72 44	70 47	77 50	72 51	78 57	80 54	81 56	75.6 53.0
USCALOOSA AIRPORT	MAX MIN	86 52	83 56	80 58	76 56	77 54	79 48	74 54	77 44	79 44	83 48	74 60	76 49	79 43	84 46	84 55	81 38	58 30	69 28	73 32	76 37	77 52	76 40	73 40	75 37	78 37	75 41	80 36	82 47	83 49	79 54	77.7 45.6	
USKEGEE	MAX MIN	84 51	85 64	80 61	72 61	72 53	80 50	80 53	78 57	77 56	78 55	71 56	79 46	77 46	83 48	84 49	83 50	77 34	69 50	70 36	75 36	74 50	75 40	73 42	75 39	79 39	80 40	80 41	82 50	80 48	77.9 48.5		
UNION SPRINGS	MAX MIN	78 63	81 65	83 64	78 65	72 56	68 53	77 56	78 60	76 49	78 52	78 56	70 52	77 52	75 52	80 53	81 58	81 55	81 35	59 35	66 41	73 46	73 45	74 45	72 43	72 42	77 45	72 47	78 55	80 54	80 54	75.5 51.8	
UNIVERSITY	MAX MIN	84 53	84 57	79 58	75 55	75 56	77 51	72 57	75 48	77 46	80 52	73 59	76 53	79 46	83 50	83 52	83 56	79 39	59 31	70 32	73 36	75 41	76 51	74 45	72 42	73 40	77 41	72 45	80 39	82 49	80 53	77 61	76.6 48.2
VALLEY HEAD	MAX MIN	73 46	73 49	69 52	74 51	77 50	79 43	76 42	74 40	70 37	70 40	70 43	71 44	74 36	75 37	75 46	79 53	78 28	70 24	66 23	68 32	60 44	49 40	68 39	69 36	69 33	75 31	75 32	76 35	76 40	78 39	71.8 40.0	
WETUMPKA	MAX MIN	82 59	83 59	84 62	77 65	72 59	69 54	77 52	76 59	79 48	76 52	78 60	71 59	77 48	76 49	79 50	80 52	80 58	82 35	58 34	67 36	72 39	70 49	71 45	73 46	72 41	72 40	74 42	71 43	77 43	78 52	78 52	75.2 49.7

See reference notes following Station Index.

# TABLE 6

## DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ALABAMA  
OCTOBER 1948

STATION		DAY OF MONTH																															TOTAL	DEPART- URE FROM NORMAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP.		.169	.228	.125	.062	.047	.146	.112	.256	.161	.157	.080	.196	.161	.159	.162	.182	.296	.160	.108	.170	.201	.083	.090	.121	.119	.118	.086	.115	.101	.010	4.181	
	WIND	13	21	9	14	12	11	29	34	7	28	5	19	11	6	4	14	82	54	7	34	38	45	18	10	31	12	8	13	4	22	623		
FAIRHOPE	EVAP.	.138	.154	.146	.172	.140	.116	.070	.056	.144	.146	.084	.124	.174	.112	.208	.124	.118	.198	.122	.114	.101	.069	.136	.076	.102	.104	.080	.118	.048	.080	.090	3.664	
	WIND	15	26	19	31	17	14	7	29	7	4	30	16	15	9	12	5	11	88	28	10	3	19	17	11	10	9	3	15	7	6	5	498	

# TABLE 7

## DAILY RIVER STAGES (FEET)

RIVER AND STATION		FLOOD STAGE	DAY OF MONTH																															HIGHEST (OR CREST)	DATE	LOWEST	DATE	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
CHATTACHOCHEE EUPAULA COLUMBIA	40	7.3	6.0	5.8	5.4	4.7	4.4	4.2	4.2	4.5	5.0	5.4	5.6	5.3	4.8	4.6	4.4	4.5	3.4	3.1	2.9	3.9	4.1	3.7	4.2	3.1	3.0	3.5	3.4	4.2	4.2	3.5	7.32	1	2.9	20		
	42	12.0	11.0	9.8	13.2	12.2	10.1	9.1	8.6	8.3	8.4	8.6	10.6	10.2	9.4	8.8	8.5	8.3	8.0	7.3	7.3	7.6	7.5	7.5	7.4	7.5	6.8	6.8	7.0	7.0	7.5	7.6	13.20	4	6.8	27		
CHOCTAWHATCHEE NEWTON GENEVA	19	5.1	5.0	4.4	11.3	6.6	5.8	5.1	4.5	4.2	3.9	5.1	6.6	6.1	5.6	4.8	4.5	4.2	4.0	4.1	4.0	3.9	3.9	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5	11.32	4	3.5	30		
	23	7.0	-	-	6.6	8.5	9.8	8.0	6.4	5.7	5.1	5.9	8.8	10.7	-	7.6	6.6	5.8	5.4	-	5.2	5.0	4.8	4.7	4.6	4.4	4.4	4.3	4.3	4.2	4.2	4.2	10.70	13	4.2	31		
CONECUH RIVER FALLS BREWTON 3 MI SSE	35	1.0	-	-	-	0.1	1.1	1.0	1.0	1.1	-	-	1.1	2.0	2.1	2.0	2.1	0.1	2.0	1.1	2.1	2.0	1.0	2.0	-	-	1.0	0.1	1.1	1.0	-	-	2.07	14	0.0	24		
	17	0.7	0.8	1.0	1.0	0.6	0.4	0.3	1.3	1.5	1.8	2.0	2.3	2.5	2.0	2.4	2.4	2.5	2.7	1.9	1.1	1.3	1.0	1.0	1.1	1.1	-	-	0.1	0.6	0.9	1.0	2.70	18	0.0	26		
COOSA CHILDERSBURG GADSDEN LOCK NO 4, LINCOLN WETUMPEA	20	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.10	1	1.5	20		
	20	1.6	1.6	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.2	1.2	1.2	1.1	1.63	2	1.0	18		
	17	0.7	0.6	0.6	0.5	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	21		
	45	5.7	4.8	4.0	3.4	5.6	5.2	5.6	5.5	5.7	3.4	3.4	5.6	5.5	5.5	5.6	5.7	3.1	3.0	5.6	6.2	5.8	5.6	5.4	3.6	3.4	5.4	5.8	6.3	5.6	5.4	3.1	6.34	28	3.0	18		
TALLAPOOSA MILSTEAD	40	3.1	2.1	2.8	3.1	2.6	3.4	4.5	2.7	2.8	1.3	1.1	3.9	3.5	4.7	3.9	0.9	0.7	1.6	7.0	5.2	4.1	4.2	1.4	1.1	0.7	3.2	2.9	2.9	3.2	1.1	0.8	7.00	19	0.7	17		
CAHABA CENTREVILLE MARION JUNCTION	23	2.5	2.4	2.3	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.48	1	2.0	28		
	36	2.3	2.2	2.2	2.1	2.0	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.8	2.0	1.9	1.9	1.9	2.0	2.0	2.32	1	1.9	20		
ALABAMA MONTGOMERY W8 CITY SELMA MILLERS FERRY	35	3.6	3.5	1.2	0.3	3.7	3.8	4.0	4.3	3.4	1.0	-	3.8	3.8	4.2	3.8	3.7	0.7	0.3	3.7	5.2	4.0	4.1	4.0	0.5	-0.1	3.5	4.2	4.2	4.0	2.9	0.2	5.20	20	-0.1	25		
	45	5.2	4.5	4.2	2.8	1.6	3.6	4.8	4.9	5.1	4.3	2.8	1.5	3.4	4.4	4.9	4.6	4.3	2.6	1.2	3.3	5.7	4.8	4.7	4.6	2.6	0.9	3.0	4.5	5.2	4.8	3.7	5.73	21	0.9	26		
	40	7.7	8.2	8.8	7.3	6.3	6.1	7.2	8.7	9.0	9.1	8.6	6.4	5.2	6.1	7.4	7.7	7.7	7.3	6.2	5.9	6.2	8.2	8.0	8.8	7.6	7.3	4.7	5.6	6.6	8.1	7.9	9.06	10	4.7	27		
BLACK WARRIOR TUSCALOOSA LCK DAM	47	11.9	11.5	11.4	11.3	11.5	11.4	11.3	11.3	11.3	11.3	11.2	11.6	11.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	11.90	1	11.2	11
TOMBIGBEE GAINESVILLE DEMOPOLIS, LOCK NO 4 LOCK NO 3 LOCK NO 2 LOCK NO 1	36	2.5	3.4	3.5	3.1	2.8	2.4	2.2	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.8	3.50	3	1.6	21		
	39	10.8	10.8	10.9	10.8	10.8	10.5	10.4	10.3	10.3	10.3	10.2	10.0	10.3	10.2	10.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.3	10.5	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.0	12		
	33	10.3	10.5	10.7	10.8	10.6	10.5	10.1	9.9	9.9	9.8	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.5	9.6	9.6	9.6	9.6	9.4	22			
	46	11.3	11.4	11.6	11.8	11.7	11.6	11.4	11.1	10.9	10.8	11.1	11.3	10.7	10.6	10.6	10.8	10.5	10.3	10.3	10.5	10.6	10.5	10.6	10.6	10.6	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.4	10.3	18
	31	9.3	8.3	9.7	9.7	9.9	10.4	10.5	10.2	9.9	9.7	10.3	11.4	10.2	9.5	9.1	9.3	9.9	9.0	9.0	9.6	10.0	10.2	10.1	10.0	9.6	9.4	9.5	9.5	8.5	9.7	10.0	11.40	12	9.0	18		
TENNESSEE FLORENCE AT LOCK	18	10.8	10.9	10.2	10.0	10.5	10.4	10.7	10.8	10.5	10.0	10.5	10.1	10.6	10.3	10.5	10.1	10.0	10.1	10.2	10.3	10.4	10.0	9.9	10.4	10.1	10.0	9.9	10.1	10.1	10.0	9.3	10.90	2	8.3	31		

Readings are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## STATION INDEX

ALABAMA  
OCTOBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBEVILLE	0008	HENRY	CHATTahoochie	31 34	85 15		C		MID		5		J. P. MITCHELL	3 4
ADDISON	0063	WINSTON	BLACK WARRIOR	34 13	87 10		C		MID		8		PALMER GODSEY	3 4
ADDISON CENTRAL TOWER	0071	LAWRENCE	BLACK WARRIOR	34 25	87 19	1500	C		7A		8		U. S. F. S.	
ALBERTA	0140	WILCOX	ALABAMA	32 14	87 25		C		8A		8		SIDNEY J. HARDY, SR.	3
ALBERTVILLE	0148	MARSHALL	TENNESSEE	34 16	86 13	1114	C	6P	6P	23	23		S. S. STRICKLAND	2 3 5
ALEXANDER CITY 6 MI NE	0163	TALLAPOOSA	TALLAPOOSA	32 59	85 52	660	C	8A	8A	6	6		F. E. BLACKBURN	2 3 5
ALICEVILLE	0178	PICKENS	TOMBIGBEE	33 08	88 10		C		7A		9		HOSIE PHILLIPS	3 4
ANDALUSIA	0252	COVINGTON	CONECUH	31 19	88 30	346	C	6P	6P	11	11		WM. M. GARRETT	2 3 5
ANNISTON	0267	CALHOUN	COOSA	33 40	85 50	724	C	6P	6P	58	58		U. S. WEATHER BUREAU	2 3 5
ANNISTON WB AIRPORT	0272	CALHOUN	COOSA	33 35	85 51		C	MID	MID	2	2		U. S. WEATHER BUREAU	2 3 4 5
ARLEY	0338	WINSTON	BLACK WARRIOR	34 04	87 13		C		7A		11		MRS. LESSIE HILLER	3
ASHLAND	0369	CLAY	TALLAPOOSA	33 16	85 50		C		MID		8		HENRY L. MC QUEEN	3 4
ASHVILLE	0377	ST. CLAIR	COOSA	33 50	86 16	880	C		8A		33		MRS. B. C. BANKS	3
ATHENS	0390	LIMESTONE	TENNESSEE	34 48	86 59	709	C		7A		8		TVA-62	3
ATMORE STATE FARM	0402	ESCAMBIA	ESCAMBIA	31 10	87 29		C	6P	6P	5	5		ATMORE STATE FARM	2 3 4 5
AUBURN	0422	LEE	TALLAPOOSA	32 38	85 30	732	C	8A	8A	57	71	2	MRS. MARTHA I. MOORE	2 3 5 6
AUBURN 4 MILES N	0427	LEE	TALLAPOOSA	32 40	85 29		C		MID		5		SCS	3
AUTAUGAVILLE	0440	AUTAUGA	ALABAMA	32 26	86 39		C		8A		8		J. B. NEIGHBORS	3
BAY MINETTE	0583	BALDWIN	GULF	30 53	87 47	268	C	7P	7P	24	30		GROVER W. WOODWARD	3 5
BEATRICE	0616	MONROE	ALABAMA	31 44	87 13		C		7A		7		W. P. DUNN	2 3
BELGREEN	0631	FRANKLIN	TENNESSEE	34 28	87 52	910	C		MID		13		TVA-43	3 4
BERRY	0748	FAYETTE	BLACK WARRIOR	33 40	87 36		C		MID		8		MISS. CLARA R. OLIVE	3 4
BEKAR 2 MILES SE	0790	MARION	TOMBIGBEE	34 12	88 09		C		MID		3		WM. B. WHITEHEAD	3 4
BILLINGSLEY	0823	AUTAUGA	ALABAMA	32 39	86 43		C		7A		10		MRS. T. L. GALLMAN	3
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	BLACK WARRIOR	33 34	86 45	610	C	MID	MID	11	11		U. S. WEATHER BUREAU	2 3 4 5
BIRMINGHAM WB CITY	0836	JEFFERSON	BLACK WARRIOR	33 32	86 50	694	C	8A	8A	61	61		MRS. CARRIE B. HORTON	2 3 5
BISHOP	0854	COLBERT	TENNESSEE	34 39	88 05	470	C		7A		11		TVA-42	3
BOAZ	957	MARSHALL	BLACK WARRIOR	34 13	86 10		C		7A		8		MILFORD H. DOOLEY	3 4
BRANTLEY	1069	CRENSHAW	CONECUH	31 35	86 16	284	C		8A		19		R. E. HENDERSON	3
BREWTON 3 MILES SSE	1084	ESCAMBIA	CONECUH	31 04	87 03	85	C	6P	6A	31	34		MRS. CLARA T. PEAVY	2 3 5 7
BRIDGEPORT	1099	JACKSON	TENNESSEE	34 57	85 43	660	C		8A		53		N. R. ATKINS	3
BRUNDIDGE	1178	PIKE	CHOCTAWHATCHEE	31 43	85 49	515	C		8A		19		GEO. L. HICKS	3
CALERA	1288	SHELBY	COOSA	33 06	86 45	500	C		8A		49		L & N R.R. AGENT	3
CAMPBELL	1315	CLARKE	TOMBIGBEE	31 55	87 59		C		MID		8		E. DOUGLAS REID	3 4
CARBON HILL	1377	WALKER	BLACK WARRIOR	33 54	87 32	430	C		7A		10		MISS. MARY C. RAY	3
CENTER GROVE	1492	MORGAN	TENNESSEE	34 23	86 38	700	C		7A		14		TVA	3
CENTREVILLE	1520	BIBB	CAHABA	32 57	87 08	230	C	6P	8A	32	32		W. D. BOLLIVIELD	2 3 5 7
CHILDERSBURG	1615	TALLADEGA	COOSA	33 17	86 21	540	C		6A		12		ALABAMA POWER CO.	3 7
CITRONELLE	1685	MOBILE	GULF	31 05	88 14	331	C	6P	6P	60	61		B. O. JONES	2 3 5
CLANTON	1694	CHILTON	COOSA	32 51	86 38	590	C	6P	7A	56	56		HUGH M. SIMPSON	2 3 5
CLAYTON	1725	BARBOUR	CHOCTAWHATCHEE	31 52	85 27	590	C		8A		21		L. L. REEDER	3
COFFEE SPRINGS	1807	GENEVA	CHOCTAWHATCHEE	31 10	85 55	255	C		8A		26		C. B. ADKISON	3
COLLINSVILLE	1849	DE KALB	COOSA	34 15	85 52	734	C		7A		11		MRS. S. CUNNINGHAM	3
COLUMBIA	1865	HOUSTON	CHATTahoochie	31 18	85 06	130	C		8A		13		COY THOMPSON	3 7
CORDOVA	1940	WALKER	BLACK WARRIOR	33 46	87 11	334	C	8A	8A	28	46		MRS. C. GRESHAM	2 3 5
CUBA	2079	SUMTER	TOMBIGBEE	32 26	88 23	215	C		8A		9		REUBEN P. HARRIS	3
DADEVILLE	2119	TALLAPOOSA	TALLAPOOSA	32 50	85 45	760	C		8A		36		DR. W. B. FULTON	3
DADEVILLE NO 2	2124	TALLAPOOSA	TALLAPOOSA	32 50	85 46		C		MID		8		JAY D. LANE	3 4
DANCY	2141	PICKENS	TOMBIGBEE	33 01	88 17	208	C		7P		43		E. F. SMITH	3
DAYTON	2188	WARENGO	TOMBIGBEE	32 21	87 39		C	6P	6P	1	9		JAMES M. CREWS	2 3 5
DECATUR	2207	MORGAN	TENNESSEE	34 37	86 58	573	C	6P	8A	67	70		MRS. FRED A. TRIMBLE	2 3 5
DEMOPOLIS	2240	WARENGO	TOMBIGBEE	32 31	87 51	100	C		7A		59		J. A. ROBERTSON	3 7
DOTYAN CAA AIRPORT	2372	HOUSTON	CHOCTAWHATCHEE	31 15	85 27	322	C	MID	MID	11	31		CAA	2 3 4 5
ELBA	2577	COFFEE	PEA	31 25	86 04	204	C		8A		21			
ELROD	2632	TUSCALOOSA	TOMBIGBEE	33 15	87 48		C		7A		9		K. V. BERRY	3
EUFULA	2727	BARBOUR	CHATTahoochie	31 53	85 08	254	C	6P	8A	65	65		HARRY E. MAUGANS	2 3 5 7
EUTAW LOCK NO 7	2742	GREENE	BLACK WARRIOR	32 47	87 50		C		7A		12		E. B. HOLBROOK	3 4
EVERGREEN	2758	CONECUH	CONECUH	31 26	86 58	340	C	6P	8A	65	65		MRS. JESSIE D. GOLSON	2 3 5
FAIRHOPE	2813	BALDWIN	GULF	30 32	87 55	23	C	MID	6P	31	31	31	HAROLD F. YATES	2 3 5 6
FALEVILLE	2840	MORGAN	TENNESSEE	34 22	86 55	620	C		7A		10		TVA-384	3
FALLS CITY 6 MILES NW	2848	WINSTON	BLACK WARRIOR	34 04	87 20	650	C		8A		8		USFS	3
FAYETTE	2883	FAYETTE	TOMBIGBEE	33 41	87 50	359	C	8A	7A	14	23		WM. M. HILEY	2 3 5
FLAT ROCK	2945	JACKSON	TENNESSEE	34 48	85 41	1380	C		7A		10		TVA-387	3 4
FLORENCE AT LOCK	2976	LAUDERDALE	TENNESSEE	34 47	87 40	450	C		7A		65		U. S. ENGINEERS	3 7
FORT DEPOSIT	3024	LOWNDES	CONECUH	31 59	86 35	520	C		7A		49		MRS. ISABEL C. HUGHES	3
FORT MORGAN	3035	BALDWIN	GULF	30 14	88 01		C		MID		8		WM. H. CRANDLER	3 4
FORT PAYNE	3043	DE KALB	COOSA	34 26	85 43	879	C		8A		7		JOHN W. PATE	3 4
FRISCO CITY	3105	MONROE	ESCAMBIA	31 26	87 24		C		8A		19		MRS. NELIA MC KENZIE	3
GADSDEN	3151	ETOWAH	COOSA	34 01	86 00	554	C	7P	8A	63	65		G. ERNEST HOLCOMB	2 3 5 7
GAINESVILLE	3160	SUMTER	TOMBIGBEE	32 49	88 09	130	C		7A		12		FRANK J. FIELDS	3 7
GARDEN CITY	3200	CULLMAN	BLACK WARRIOR	34 00	86 44		C		7A		8		MRS. G. MC KENZIE	3 4
GENEVA	3255	GENEVA	CHOCTAWHATCHEE	31 02	85 52	107	C	6P	7A	11	24		REBECCA CAMPBELL	2 3 5 7
GOODWATER	3399	COOSA	COOSA	33 04	86 03	826	C	6P	8A	56	56		MRS. W. M. SELMAN	2 3 5
GORGAS	3430	WALKER	BLACK WARRIOR	33 39	87 13	300	C		6A		12		ALABAMA POWER CO.	3
GREENSBORO	3511	HALE	BLACK WARRIOR	32 42	87 36	220	C	5P	8A	70	81		MRS. C. POELLNITZ	2 3 5
GREENVILLE	3519	BUTLER	CONECUH	31 50	86 38	444	C	6P	8A	67	50		CECILE T. LEWIS	2 3 5
GREENVILLE NO 2	3524	BUTLER	CONECUH	31 50	86 38		C		MID		8		CITY WATER PLANT	3 4
GULF SHORES 3 MI WSW	3559	BALDWIN	GULF	30 15	87 44	10	C	6P	6P				LEWIS P. GOODWIN	2 3 5
GUNTERVILLE	3573	MARSHALL	TENNESSEE	34 21	86 18	640	C		8A		48		L. S. LONG	3
GUNTERVILLE CTY WTR	3578	MARSHALL	TENNESSEE	34 22	86 17	610	C		MID		6		TVA-403	3 4
GUNTERVILLE DAM	3583	MARSHALL	TENNESSEE	34 26	86 24	611	C		7A		13		TVA-70	3
HALEYVILLE	3620	WINSTON	BLACK WARRIOR	34 14	87 38	947	C	6P	7A	12	12		ELMER L. SHIPMAN	2 3 4 5
HAMILTON	3644	MARION	TOMBIGBEE	34 08	87 59	498	C		6A		33		REX COOPER	3
HARRISBURG 6 MILES SE	3697	PERRY	CAHABA	32 48	87 11	600	C		8A		3		USFS	3
HAYNEVILLE	3748	LOWNDES	ALABAMA	32 11	88 35		C		8A		10		MAXINE E. WATSON	3
HELENA	3783	SHELBY	CAHABA	33 18	88 51	416	C		8A		36		RUDOLPH ENGLAND	3
HIGHLAND HOME	3818	CRENSHAW	CONECUH	31 57	86 19	594	C	5P	5P	57	57		LUKE JORDAN	2 3 5



## STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	O LAT.	O LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
HIGHTOWER	3842	CLEBURNE	TALLAPOOSA	33 32	85 24		C		8A		5		MRS. EARL LINDSEY	3
HODGES	3899	FRANKLIN	TOMBIGBEE	34 20	87 56		C		6A		11		FRANK L. HAYNES	3
HUNTSVILLE	4068	MADISON	TENNESSEE	34 42	86 35	610	C	MID	6A	10	25		U. S. WEATHER BUREAU	2 3 4 5
HYTOP	4099	JACKSON	TENNESSEE	34 54	86 05	1500	C		7A		14		TVA-78	3
JACKSON SHOALS	4198	TALLADEGA	COOSA	33 32	86 12	475	C		8A		12		ALABAMA POWER CO.	3
JACKSONVILLE	4209	CALHOUN	COOSA	33 49	85 45		C		MID		6		FLOY E. OWEN	3 4
JORDAN DAM	4306	ELMORE	COOSA	32 37	86 15	290	C		6A		12		ALABAMA POWER CO.	3
LA FAYETTE	4502	CHAMBERS	TALLAPOOSA	32 54	85 24	830	C	8A	8A				JOSEPH M. BRISCOE	2 3 5
LAY DAM	4603	COOSA	COOSA	32 58	86 31	420	C		6A		12		ALABAMA POWER CO.	3 4
LEEDS	4619	JEFFERSON	CAHABA	33 33	86 33	636	C		8A		32		MRS. MARY K. LEE	3
LEESBURG	4627	CHEROKEE	COOSA	34 11	85 46	589	C		7A		56		RUFUS M. SEWELL	3
LIVINGSTON	4798	SUMTER	TOMBIGBEE	32 35	88 11	160	C	6P	6P	50	46		PROF. E. J. MURPHEY	2 3 5
LOCKHART	4822	COVINGTON	GULF	31 01	86 22	290	C	8A	8A	11	11		H. C. YOUNG	2 3 5
LOCK NO 1	4830	CLARKE	TOMBIGBEE	31 33	88 01	11	C		7A		25		U. S. ENGINEERS	3 4 7
LOCK NO 2	4835	CHOCTAW	TOMBIGBEE	32 08	88 02	23	C		7A		25		U. S. ENGINEERS	3 7
LOCK NO 3	4840	CHOCTAW	TOMBIGBEE	32 17	88 01	33	C		7A		25		U. S. ENGINEERS	3 7
LOCK NO 4	4845	TALLADEGA	COOSA	33 38	86 11	510	C	5P	7A	53	57		U. S. ENGINEERS	2 3 5 7
LOCK NO 17	4855	TUSCALOOSA	BLACK WARRIOR	33 29	87 20	280	C		7A		10		U. S. ENGINEERS	3
MADISON	4976	MADISON	TENNESSEE	34 42	86 45	573	C	6P	6P	55	55		HARRY F. CARTER	2 3 5
MAGELLA	4996	JEFFERSON	CAHABA	33 30	86 51	654	C		6A		12		ALABAMA POWER CO.	3
MAGNOLIA	5004	MARENGO	ALABAMA	32 08	87 39		C		MID		6		DR. T. H. GAILLARD	3 4
MARION 1 MILE SSE	5108	PERRY	CAHABA	32 37	87 18	263	C		8A		57		O. MYRON HOLIFIELD	3 4
MARION JUNCTION	5116	DALLAS	CAHABA	32 26	87 14	204	C		8A		11		MRS. MARGARET SMITH	3 7
MARTIN DAM	5140	TALLAPOOSA	TALLAPOOSA	32 40	85 55	340	C		6A		24		ALABAMA POWER CO.	3
MAXWELL FIELD	5202	MONTGOMERY	ALABAMA	32 25	86 25	165	C	MID	MID	15	15		U. S. ARMY AIR FORCES	2 3 5
MELVIN	5354	CHOCTAW	TOMBIGBEE	31 56	88 27		C		7A		8		JOHN R. LAND	3
MERTZ 3 MILES E	5582	BIBB	CAHABA	32 53	87 20	600	C		8A		8		USFS	3
MIDWAY	5397	BULLOCK	CHATTahooCHEE	32 04	85 32		C		MID		8		MATHEW W. HALL	3 4
MILLERS FERRY	5417	WILCOX	ALABAMA	32 06	88 22	78	C		8A		18		NORMAN D. WILLIAMS	3 7
MILLRY	5427	WASHINGTON	TOMBIGBEE	31 38	88 19	362	C	6P	6P		24		MARDIS M. BLOUNT	2 3 5
MILSTEAD	5439	MACON	TALLAPOOSA	32 27	85 54	206	C		8A		48		T. C. CARR	3 7
MITCHELL DAM	5465	CHILTON	COOSA	32 48	86 27	350	C		6A		12		ALABAMA POWER CO.	3
MOBILE WB AIRPORT	5478	MOBILE	GULF	30 41	88 12		C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MOBILE WB CITY	5483	MOBILE	GULF	30 42	88 02	10	C	MID	MID	77	78		U. S. WEATHER BUREAU	2 3 4 5
MONTESANO	5529	MADISON	TENNESSEE	34 45	86 31	1650	C		7A		9		TVA-530	3
MONTFALLO	5537	SHELBY	CAHABA	33 06	86 53	462	C		8A		8		M. P. JETER	3
MONTGOMERY WB AIRPORT	5550	MONTGOMERY	ALABAMA	32 18	86 23	198	C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MONTGOMERY WB CITY	5555	MONTGOMERY	ALABAMA	32 23	83 18	201	C	MID	MID	77	77		U. S. WEATHER BUREAU	2 3 4 5 7
MOULTON	5625	LAWRENCE	TENNESSEE	34 29	87 17	630	C		MID		10		TVA-381	3 4
MOUNDVILLE	5633	HALE	TOMBIGBEE	32 57	88 27		C						USFS	
MUSCLE SHOALS	5749	COLBERT	TENNESSEE	34 44	87 36	540	C	MID	MID	59	65		CAA	2 3 5
NEW BROCKTON	5842	COFFEY	CHOCTAWHATCHEE	31 23	85 56		C		MID		8		E. EARL BOYETT	3 4
NEW MARKET	5862	MADISON	TENNESSEE	34 54	86 26	725	C		7A		6		TVA-624	3
NEWTON	5875	DALE	CHOCTAWHATCHEE	31 20	85 37	216	C		10A		33		FURN WYNN	3 7
ONEONTA	6121	BLOUNT	BLACK WARRIOR	33 57	86 30	857	C	6P	7A	38	47		L. E. SELLERS	2 3
ORRVILLE	6161	DALLAS	ALABAMA	32 18	87 14	200	C		8A		8		EDWARD B. WARREN	3
OZARK	6218	DALE	CHOCTAWHATCHEE	31 23	85 39	400	C	4P	7A	47	59		MRS. MARY E. SCOTT	2 3 5
PAINT ROCK	6226	JACKSON	TENNESSEE	34 40	86 20	610	C		MID		13		TVA-69	3 4
PALMERDALE	6246	JEFFERSON	CAHABA	33 44	86 39		C		10A		1		ROBERT P. STORES	3
PERRYVILLE	6362	PERRY	CAHABA	32 37	87 08		C		8A		7		MRS. GERTRUDE GREEN	3
PETERMAN	6370	MONROE	ALABAMA	31 35	87 16		C		MID		8		MRS. MINTA EDDINS	3 4
PICKENSVILLE	6414	PICKENS	TOMBIGBEE	33 13	88 16		C		7A		8		MRS. DORA I. CLAY	3
PINE HILL	6460	WILCOX	ALABAMA	31 59	87 36	110	C		8A		8		AUBREY T. WEATHERLY	3
PINE LEVEL	6468	MONTGOMERY	CONECUH	32 04	86 04		C		7A		9		C. W. ADAMS	3
PLANTERSVILLE	6508	DALLAS	ALABAMA	32 39	86 56		C		8A		9		O. W. BURNES	3
PLEASANT HILL	6526	DALLAS	ALABAMA	32 09	86 58		C		MID		4		CHARLES M. HENRY	3 4
PRATTVILLE	6640	AUTAUGA	ALABAMA	32 28	86 28	281	C	6P	6P	50	47		A. L. POWELL	2 3 5
PRIMROSE FARM	6684	MONTGOMERY	ALABAMA	32 20	86 15	180	C		8A		28		W. E. ELSBERRY	3
PUSEMATATA	6719	CHOCTAW	TOMBIGBEE	32 12	88 21		C	6P	6P	58	58		MRS. JANIE C. BROWN	2 3 5
REFORM	6847	PICKENS	TOMBIGBEE	33 23	88 01		C		7A		11		W. M. MC DONALD	3
RIVER FALLS	6937	COVINGTON	CONECUH	31 21	86 32		C		8A		21		JOHN R. BRADLEY	3 7
RIVER FALLS 2 MILES NE	6942	COVINGTON	CONECUH	31 23	86 33		C		MID		5		ALABAMA ELECTRIC CO.	3 4
ROBERTSDALE 7 MILES E	6988	BALDWIN	GULF	30 33	87 48	148	C	6P	6P	19	37		CARL BOSECK	2 3 5
ROCK MILLS	7025	RANDOLPH	CHATTahooCHEE	33 09	85 18	745	C	5P	7A	14	18		JAMES B. BAILEY	2 3 5
SAINT BERNARD	7157	CULLMAN	BLACK WARRIOR	34 12	86 47	802	C	6P	7A	42	42		FR. FREDERICK SMITH	2 3 5
SATRE	7282	JEFFERSON	BLACK WARRIOR	33 43	86 58	304	C		7A		11		DORA R. WEBSTER	3
SCOTTSBORO	7304	JACKSON	TENNESSEE	34 41	86 02	652	C	6P	7A	66	67		MRS. KINZIE BOBO	2 3 5
SEALE 7 MILES WNW	7328	RUSSELL	CHATTahooCHEE	32 18	85 17	358	C		8A		24		B. G. BUSH	3
SELMA	7366	DALLAS	ALABAMA	32 25	87 00	147	C	6P	8A	69	69		W. C. ROBINSON	2 3 5 7
SHEFFIELD TVA NRSY	7415	COLBERT	TENNESSEE	34 46	87 42	505	C		7A		14		TVA-49	3
SLOCOMB	7576	GENEVA	CHOCTAWHATCHEE	31 06	85 35		C		6A		1		PATRICK H. SMITH	3
SNOW HILL	7620	WILCOX	ALABAMA	32 00	87 01	225	C		7A		11		MRS. EVA R. RAY	3
SOUTH HILL	7671	DE KALB	TENNESSEE	34 24	86 02	990	C		7A		13		TVA-75	3
SPRING HILL	7733	MOBILE	GULF	30 42	88 10	175	C	9A	9A	36	37		HAMLIN H. TIPPINS	2 3 5
SWAIM	7968	JACKSON	TENNESSEE	34 53	86 13	665	C		7A		10		TVA-385	3
SYLACAUGA	7994	TALLADEGA	COOSA	33 10	86 13		C		8A		13		ALABAMA POWER CO.	3
SYLVANIA	8012	DE KALB	TENNESSEE	34 34	85 49	1400	C		7A		10		TVA-386	3
TALLADEGA	8024	TALLADEGA	COOSA	33 26	86 06	554	C	6P	6P	59	60		C. D. WEAVER	2 3 5
THOMASVILLE	8178	CLARKE	TOMBIGBEE	31 55	87 45	385	C	6P	7A	57	58		MRS. MINNIE DEATON	2 3 5
THORSBY 1 MILE SW	8204	CHILTON	ALABAMA	32 54	86 44		C		MID		5		SCS	3 4
THURLOW DAM	8215	ELMORE	TALLAPOOSA	32 32	85 54	288	C		6A		12		ALABAMA POWER CO.	3
TIBBIE	8223	WASHINGTON	TOMBIGBEE	31 22	88 15	226	C		8A		9		MISS. DOROTHY TAYLOR	3
TONY	8259	MADISON	TENNESSEE	34 54	86 44	750	C		MID		7		TVA-506	3 4
TRAFFORD	8285	JEFFERSON	BLACK WARRIOR	33 49	86 44		C		7A		7		MRS. M. JOHNSON	3 4
TROY	8323	PIKE	PEA	31 49	85 58	590	C	8A	8A	41	53		THOMAS J. DILLARD	2 3 4 5
TUSCALOOSA AIRPORT	8380	TUSCALOOSA	BLACK WARRIOR	33 14	87 37	170	C	MID	MID	68	70		CAA	2 3 4 5
TUSCALOOSA LOCK & DAM	8385	TUSCALOOSA	BLACK WARRIOR	33 13	87 35	152	C		7A		22		U. S. ENGINEERS	3 7

# STATION INDEX — Continued

ALABAMA  
OCTOBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
TUSKEGEE	8398	MACON	TALLAPOOSA	32 24	85 42	459	C	5P	5P	50	50		W. T. THOMPSON	2 3 5
UNION SPRINGS	8438	BULLOCK	CONECUH	32 08	85 44	485	C	6P	8A	62	82		MRS. DOROTHY SMITH	2 3 5
UNIONTOWN	8446	PERRY	ALABAMA	32 27	87 31	273	C		8A		40		MISS. MARY MARTIN	3
UNIVERSITY	8454	TUSCALOOSA	BLACK WARRIOR	33 12	87 33	225	C	MID	MID	68	70		DR. F. H. MITCHELL	2 3 5
VALLEY HEAD	8469	DE KALB	COOSA	34 34	85 36	1031	C	6P	8A	64	64		MRS. CARRIE DALBY	2 3 5
VANCE	8477	TUSCALOOSA	CAHABA	33 10	87 13		C		7A		8		WM. F. VANCE	3
VERNON	8517	LAMAR	TOMBIGBEE	33 08	85 44	180	C		MID		8		G. C. MOORE, JR.	3 4
WADLEY	8605	RANDOLPH	TALLAPOOSA	33 08	85 34	840	C		6A		15		ALABAMA POWER CO.	3
WALLACE	8637	ESCAMBIA	CONECUH	31 12	87 14		C		8A		8		MRS. RUBY SOWELL	3
WALNUT GROVE	8648	ETOWAH	BLACK WARRIOR	34 04	86 19	850	C		7A		7		MRS. FLORENCE PARKER	3
WATERLOO	8686	LAUDERDALE	TENNESSEE	34 55	88 04	445	C		7A		52		HORACE E. PYBURN	3
WEST BLOCTON	8809	BIBB	CAHABA	33 07	87 07		C		8A		8		RUPERT M. BEARDEN	3
WETUMPKA	8859	ELMORE	COOSA	32 32	86 12	205	C	6P	6A	53	57		MRS. D. R. WHITAKER	2 3 5 7
WHITLEY	8867	CLARKE	TOMBIGBEE	31 39	87 43		C		7A		9		LEONARD L. COLEMAN	3
WHEELER DAM	8875	LAWRENCE	TENNESSEE	34 47	87 21	580	C		7A		13		TVA-52	3
WINFIELD 2 MILES SW	8998	FAYETTE	TOMBIGBEE	33 58	87 49	468	C		7A		15		W. W. COTNEY	3
YATES HYDRO PLANT	9103	ELMORE	TALLAPOOSA	32 34	85 54	335	C		6A		58		ALABAMA POWER CO.	3

## REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issue of this bulletin.

Data in Tables 3, 5 and 6 are for the 24-hour ending at time of observation. See the Station Index for observation time.

- No record.

+ And also on later dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

6 No recording gage, precipitation is measured at 6-hourly intervals.

M One or more days of record missing; see Table 5 for detailed daily record.

R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.

T Trace, an amount too small to measure.

Z Hourly amounts from recording gage at the same site may be found in Table 4.

Data in Table 4 were formerly published in the Hydrologic Bulletins for Ohio River and Southeast Districts. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscription includes Annual Summary. Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 430 Post Office Building, Chattanooga 2, Tennessee).

W.B.O. Washington, D. C. -- 12/9/48 -- 1250





U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

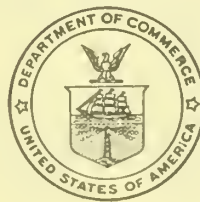
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

ALABAMA

NOVEMBER 1948

Volume LIV No. 11



E. D. Emigh, Section Director - Montgomery

## General Summary

The most remarkable rainy period ever recorded in Alabama occurred during this November. From the 16th to the 28th, inclusive, a State wide average of around 12 inches occurred. It is true that a similar period in July, 1916, apparently had somewhat more rain than this, but November is normally a rather dry month when periods of very heavy rain are indeed unusual. At Fort Deposit, in Lowndes County, 19.25 inches fell in 11 days. The most intense single rainstorm began on the early morning of the 26th in southwest Alabama and moved out of the east central portion of the State late that night. There was a strip extending from Monroe County northeastward to Lee County, in which amounts of rain during this storm ranged from 8 to more than 10 inches.

Temperatures averaged  $2.3^{\circ}$  above normal. There were no unusual extremes. Although light to heavy frost covered most of the State on the morning of the 11th, no killing frost had occurred during the autumn season at most Southern and Middle Division stations by the end of the month.

Since conditions in September and October were favorable for harvesting and fall planting such work was mostly completed before the rains of November became a hindrance. Some cotton was left in the fields in the north, but much of it was too thin for the farmers to be able to hire it picked at a price that would make the operation profitable.

Garden greens and the large acreages of oats, clovers, alfalfa, and other winter fields and pasture crops made excellent progress throughout the month, and in the south and over portions of the Middle Division where frosts were mostly only light, wind pasturage continued in better than the usual condition for the time of year. Fields were mostly too wet for grazing during the last two weeks, but cattle did well on roughage and other feed.

Thundersqualls on the 5th in Crenshaw and Pike Counties, at 1:30-3:00 a.m., destroyed 4 houses and damaged 35 other dwellings, and damaged or destroyed 33 miscellaneous buildings. Five persons were injured. The value of property destroyed was about \$40,000. In Lauderdale County at near 10 p.m. on the 18th, similar storms destroyed one house and damaged 17 others. Twenty three other buildings were damaged or destroyed. The total loss was near \$20,000. Other thundersqualls on the 28th, in the late forenoon, blew down 6 more shacks, injured 4 persons, and did total damage of about \$5,000.

Heavy flooding occurred in the major streams late in the month, and was particularly severe on the lower Tallapoosa below Milstead, the Alabama, and along small streams in the above mentioned area extending from Monroe County to Lee County. The subsequent crest at Selma on December 3d was the highest ever recorded by gage, and was just 0.7 ft. below the high water mark of April, 1886.

## FCP

## TEMPERATURE

The monthly mean temperature for the State, determined from the records of 58 stations, was  $56.8^{\circ}$ , or  $2.3^{\circ}$  above the normal. The highest local monthly mean was  $62.0^{\circ}$  at Fairhope; the lowest was  $51.9^{\circ}$  at Madison and at Valley Head. The highest temperature recorded was  $87^{\circ}$  at Eufaula on the 6th; the lowest was  $24^{\circ}$  at Valley Head on the 12th, making the monthly range for the State  $63^{\circ}$ .

## PRECIPITATION

The monthly average for the State, determined from the records of 57 stations, was 15.30 inches, or 11.81 inches more than the normal. The greatest monthly amount was 24.58 inches at Fort Deposit; the least was 6.05 inches at Columbia. The greatest amount of rainfall in any observational day was 10.12 inches recorded at Primrose Farm on the morning of the 28th. Precipitation amounting to 0.01 inch or more was measured on an average of 15 days.

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## ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

# PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA  
NOVEMBER 1948

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN- SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
ANNISTON WB AIRPORT	30.39	11	29.60	28	-	-	-	-	90	92	63	84		334
BIRMINGHAM WB AIRPORT	30.41	11	29.64	28	8.5	34	SE	16	86	88	63	76	39	321
MOBILE WB CITY	30.36†	11	29.67†	28	9.2	34	SE	5	90†	90†	67†	81†	44	144
MONTGOMERY WB CITY	30.37†	11	29.62†	11	7.5	25	S	5	89†	92†	61†	75†	46	207
† AIRPORT DATA														

TABLE 1  
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION			YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE		DAYS WITH .01 OR MORE		MEAN	HIGHEST	LOWEST	AVERAGE		DAYS WITH .01 OR MORE
1884	52.0	82	15	2.54		6	1919	57.3	87	21	4.54		6
1885	52.6	85	18	4.62		8	1920	51.0	89	18	3.05		6
1886	52.5	84	18	5.77		9	1921	58.3	87	25	3.63		8
1887	53.4	84	9	1.13		2	1922	57.3	92	18	1.89		5
1888	54.9	83	20	3.64		6	1923	52.2	80	22	5.22		7
1889	52.6	82	20	4.86		8	1924	56.3	90	13	0.25		2
1890	57.7	85	23	0.47		2	1925	52.9	82	18	4.46		7
1891	52.8	90	12	4.98		7	1926	50.6	83	20	4.92		8
1892	53.6	89	18	3.90		7	1927	60.5	88	24	3.68		5
1893	53.7	86	15	2.76		6	1928	53.3	85	16	2.15		4
1894	52.1	85	11	0.78		3	1929	54.4	88	10	10.02		13
1895	53.9	84	18	1.53		4	1930	54.0	85	16	7.18		10
1896	58.0	90	14	4.06		7	1931	60.8	89	25	1.76		4
1897	54.8	85	21	2.02		5	1932	50.3	79	20	3.71		8
1898	50.4	87	12	5.62		10	1933	55.2	91	18	1.15		3
1899	56.0	83	18	3.01		6	1934	57.6	87	23	3.87		6
1900	55.4	86	23	3.85		6	1935	56.6	90	18	3.17		5
1901	49.2	84	16	1.89		4	1936	53.3	90	15	1.72		5
1902	58.1	85	21	4.18		6	1937	51.5	85	12	3.19		8
1903	51.4	85	12	2.07		5	1938	56.5	89	11	3.35		6
1904	52.7	86	21	2.92		6	1939	52.4	85	22	0.85		4
1905	56.3	88	20	1.80		6	1940	54.7	85	12	3.49		9
1906	56.3	87	19	2.39		5	1941	54.3	85	20	2.51		6
1907	51.9	82	16	6.20		10	1942	57.4	87	19	1.77		5
1908	57.4	88	15	1.54		4	1943	52.3	87	18	3.44		3
1909	59.9	90	18	1.22		3	1944	54.9	85	23	3.70		8
1910	51.7	86	21	2.09		5	1945	57.0	87	16	3.55		6
1911	50.6	87	11	4.46		8	1946	60.8	88	27	4.97		8
1912	50.6	86	15	1.94		4	1947	53.1	81	22	8.09		12
1913	56.6	88	16	1.36		3	1948	56.8	87	24	15.30		
1914	53.1	86	9	4.13		7	Period	54.5	91	9	3.49		
1915	56.6	89	20	3.12		5							
1916	54.8	89	12	2.82		5							
1917	51.5	81	20	1.36		3							
1918	53.5	81	25	5.06		7							

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## CLIMATOLOGICAL DATA

ALABAMA  
NOVEMBER 1948

Table 2

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE	52.1	1.1	77	5	31	11+	4		15.48	11.76	4.02	28	.0			16	11	3
ANNISTON	54.9	2.7	78	5	30	11+	4		16.89	13.65	4.00	28	.0			17	11	5
ANNISTON WB AIRPORT	54.0	-	84	5	28	11	6		15.06	-	3.21	28	.0			18	12	4
BIRMINGHAM WB AIRPORT	54.5	3.1	80	5	31	11+	3		15.25	11.94	4.15	28	.0			17	11	5
BIRMINGHAM WB CITY	57.3	3.4	82	6	34	24			14.24	10.93	4.30	28	.0			17	11	6
CORDOVA	55.4	2.9	83	6	28	11	4		13.11	9.70	3.46	28	.0			11	8	5
DECATUR	53.6	2.7	78	6	32	11+	2		11.73	8.53	2.59	19	.0			17	11	3
FAYETTE	54.5	-	81	5+	26	11	8		15.00	-	4.60	28	.0			13	9	5
GADSDEN	52.8	1.1	80	6	26	11	5		20.03	16.82	4.60	28	.0			17	13	6
GOODWATER	55.5	1.5	80	1+	31	25	2		19.12	15.86	2.90	27	.0			19	14	8
HALEYVILLE	53.5	-	79	3	31	24	2		10.25	-	2.35	19	.0			13	9	4
HUNTSVILLE	52.3	-	78	5	29	11	4		13.60	10.14	3.28	28	.0			15	10	7
LOCK NO 4	53.3	1.0	81	6	29	11	6		16.86	13.48	5.02	28	.0			14	11	5
MADISON	51.9	0.7	80	6	27	24	4		13.02	9.50	2.97	19	.0			15	9	4
MUSCLE SHOALS	52.6	2.0	80	4	31	11+	2		11.39	7.94	2.36	5	.0			14	9	5
ONEONTA	52.9	2.3	78	1+	29	11+	8		16.98	13.97	4.00	28	.0			15	12	7
ROCK MILLS	54.9	-	81	6	28	11	8		16.86	13.62	4.69	27	.0			18	11	6
SCOTTSBORO	54.9	4.5	80	6	28	25	5		15.49	12.21	3.00	28	.0			14	9	6
TALLADEGA	54.9	1.7	82	6	29	11	6		14.69	11.39	2.46	28	.0			15	13	7
TUSCALOOSA AIRPORT	55.5	2.1	84	2	30	11	2		14.25	10.67	3.32	28	.0			18	9	5
UNIVERSITY	55.7	2.3	82	2	32	11	1		14.21	10.62	3.95	28	.0			15	10	5
VALLEY HEAD	51.9	-	78	1+	24	12	7		-	-	-		.0					
DIVISION	54.0								14.93									
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE	54.3	-	81	6	28	11	7		18.80	-	4.00	27	.0			13	13	7
AUBURN	56.1	0.6	80	6	30	11	2		17.77	14.66	7.05	27	.0			16	11	4
CENTREVILLE	57.7	3.9	82	1+	32	24+	2		15.47	12.30	2.99	27	.0			14	8	6
CLANTON	54.8	1.2	82	6	30	11+	2		16.49	13.20	3.97	27	.0			16	13	6
DAYTON	58.6	-	86	5	32	11	1		12.06	-	2.03	22	.0			18	11	5
EUFULA	59.6M	4.0	87	6	34	11			11.34	8.59	2.27	27	.0			13	8	5
GREENSBORO	58.6	3.6	85	1+	33	24			14.28	11.14	3.62	28	.0			19	9	6
GREENVILLE	59.4	3.4	80	4+	35	30			20.92	17.81	5.82	27	.0			18		
HIGHLAND HOME	58.6	1.5	84	1	35	30			17.79	14.46	3.20	28	.0			13		
LA FAYETTE	55.5M	-					1		15.08	-	-		.0			14		
LIVINGSTON	58.4	5.2	84	2	30	11	3		14.41	11.42	3.00	26	.0			18	11	5
MAXWELL FIELD	58.8	-	83	5	37	11			21.48	-	5.85	26	.0			14	12	8
MONTGOMERY WB AIRPORT	57.7	-	84	5	33	11			21.32	-	8.16	26	.0			16	11	6
MONTGOMERY WB CITY	58.9	3.1	84	5	38	11			20.10	16.87	6.81	26	.0			16	11	8
PRATTVILLE	57.5M	3.0	82	6	33	11			17.69	14.40	-		.0			17		
PUSHMATAHA	58.7	3.5	84	3+	30	11	1		-	-	-							
SELMA	57.9	1.5	84	6	33	11			14.57	11.63	3.62	27	.0			15	13	4
THOMASVILLE	58.6	2.9	84	1+	32	24	1		13.92	10.62	3.76	27	.0			15	12	4
TROY	59.8	2.3	82	1+	36	25+			13.12	9.80	2.82	27	.0			13	10	6
TUSKEGEE	58.1	1.9	82	4	30	14	2		14.62	11.68	-		.0			10		
UNION SPRINGS	59.4M	3.8	84	6	34	30			15.10	12.13	5.55	27	.0			15	11	6
WETUMPKA	57.5	1.6	82	6	35	11+			18.12	14.94	5.37	27	.0			13	11	6
DIVISION	57.9								16.40									
SOUTHERN DIVISION																		
ANDALUSIA	61.4M	-	84	1	35	11			13.19	-	2.48	27	.0			14	11	6
ATMORE STATE FARM	60.0	-	84	1+	35	11+			19.09	-	-		.0			14		
BAY MINETTE	61.2M	1.5	84	4	34	11+			13.03	10.13	2.35	23	.0			13	10	6
BREWTON 3 MILES SSE	59.9	3.2	84	1	31	11	1		13.81	10.78	2.11	22	.0			15	14	7
CITRONELLE	60.4	1.1	84	5	35	30			21.75	18.48	3.89	27	.0			15	14	9
EVERGREEN	61.3	4.5	84	5	33	11			17.90	14.86	3.30	18	.0			16		
FAIRHOPE	61.7	2.9	84	5	33	13			14.38	11.26	4.58	22	.0			17	12	6
FORT MORGAN	-	-	78	19	39	30			10.66	-	1.91	19	.0			16	12	4
GENEVA	60.9	-	85	1	32	11	1		10.60	7.67	3.50	20	.0			15	8	4
LOCKHART	61.6	-	82	1+	37	11+			11.54	-	2.25	22	.0			14	11	4
MOBILE WB AIRPORT	60.9	-	83	2	34	30			13.65	-	2.46	23	.0			16	11	6
MOBILE WB CITY	61.6	3.0	79	1+	36	30			12.09	8.45	1.74	23	.0			16	10	6
OZARK	60.3	2.9	84	1+	36	30			12.48	9.58	2.66	20	.0			14	9	5
ROBERTSDALE 7 MILES E	61.3	-	81	1+	35	11+			13.75	10.37	4.49	22	.0			16	10	5
SPRING HILL	60.8M	1.6	81	1	34	30			10.69	7.37	1.58	19	.0			15		
DIVISION	61.0								13.91									
STATE	56.8	2.3							15.30	11.81								

See reference notes following Station Index.

## DAILY PRECIPITATION

ALABAMA  
NOVEMBER 1948

Table 3

Station		Day of Month																															Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ABBEVILLE	R	.07															.21	.04	2.36		.50	1.65	.86					.22	1.58	1.42			10.33	
ADDISON	R	.91				2.50	.05			.84	.20			.01	.02		.92		1.70	1.80		.74						1.11	.38	2.58			13.76	
ALBERTA		.10	.03			.04	1.16				1.83							.84	1.86			1.76	.82	.44				.50	3.50	1.78	.08		14.74	
ALBERTVILLE		.59	.93				2.42				.85				.12			.59	3.10	.16		.43	.09	.10				.03	.99	4.02	.62		15.48	
ALEXANDER CTY 6 MI NE	T		.43			.75	2.30				.83							.82	1.80	.33		2.12	1.23	.92					4.00	1.73	1.54		18.80	
ALICEVILLE		.73					1.92				.90							2.00		2.08		.55							2.42	3.88	.14		14.60	
ANDALUSIA		.07	.62			.80	1.49				.87							.70	1.00			2.11	.13	1.15				.49	2.48	1.91	1.09		13.19	
ANNISTON		3.10				.35	.90				.32				.17	.03		.91	.10	.01	2.37		.23	1.61	.80			1.66	.30	4.00	.03		16.89	
ANNISTON WB AIRPORT		.91	.36			.91	.36			.09	.29		T	.14	.01		.94	.01	.04	2.32		.60	.65	.75				1.92	.50	3.21	T		15.06	
ARLEY		.20	.25				1.05				1.10			.02				1.39	2.79			.69							1.88	3.09			12.46	
ASBLAND	// R	.05	2.32			2.02	.29				.11	.32					.97		1.54			.91	1.06	1.10	.04			2.60	.72	2.02			16.07	
ASHVILLE		.09	.54	2.56			2.15				.68				.04			1.18	2.50	.48		1.17	.41	.08				T	1.62	4.35	1.20		19.05	
ATHENS		.30	.40	1.19		.02	1.60				.41						.35	.43	2.00			.34						.51	1.05	2.55	.64		11.79	
ATMORE STATE FARM	Z		.05	.09		.42	1.88				.90						1.22	2.00	T		3.25	.93	1.80					*	5.20	*	1.35		19.09	
AUBURN			.03	.75		.07	1.53				.46			.01		.01		.80		.12	1.86		1.70	.95	.96				7.05	.91	.56		17.77	
AUBURN 4 MILES N	R	.08	.50			.30	.94		.05	.33							.63		1.53			.41	1.28	1.78				6.77	.40	.98			15.98	
AUTAGAVILLE			.05			.30	2.07				.85							.86	2.86			1.91	.90	.52				.72	3.49	3.19	.34		18.06	
BAY MINETTE			.10			.33				2.33	.46						T	1.50	.11	2.00		.15	1.20	2.35				.90	1.20	.40			13.03	
BEATRICE						1.10	1.61				*						1.80		2.48			1.36	1.02	.67				.62	8.25	1.32			20.23	
BELGREEN	R	.02	.18			1.78					.22			.10			1.40		1.51	.62		.25	.16					1.36	1.14	1.46			10.20	
BERRY	R	.27	.11			2.56				.99	.09			.06	-	-	2.16		.40	3.03		.29						1.34	.39	2.94			-	
BEXAR 2 MILES SE	R	.05	.19			1.71	.02			.24	.04			.09	.03		1.43		1.44	.73		.47	.06					1.37	.23	2.29			10.39	
BILLINGSLEY	T			1.82			1.40				.60							1.10			2.20		2.00	.87	.65			*	*	*	*	6.18		16.82
BIRMINGHAM WB APT	Z	.04	.84			1.79	T			.44	.23			T	.05	.02		1.25	.02	.12	2.21		.95	.53	.30			1.59	.72	4.15	T		15.25	
BIRMINGHAM WB CITY	T		.28	.38		.07	1.37			.48				.08	.04			1.35	T	2.10	.09		1.32	.43	.08			.15	1.47	4.30	.25		14.24	
BISBOP		.87	.10				1.18				.87			.20			.70	1.37		3.20			.42					.52	1.24	2.25	.55		13.47	
HOAZ		2.28				1.11	.05			.56	.37			.02	.07		.63	.03	.23	3.29		.38	.14	.08				1.10	-	-	-		-	
HRANTLY		.14	.83			.83	.75				.53						.41	1.32	.66			2.30	.20	1.28				.61	3.48	.22	1.57		15.13	
HREWTON 3 MILES SSE		.27	.40			1.05	1.32			1.10							.95	1.65	.56			2.11	.29	.95				.18	1.11	.40	1.47		13.81	
BRIDGEPORT				1.44		.01	1.69				.58			.04			.08	.01	2.19	.65		.08	1.12	.02				.05	1.15	2.00	1.98		13.09	
BRUNDIDGE				.13		.01	1.28				.48			T			.40		T	1.97		2.12	T	1.48			T	3.00	.17	1.08			12.12	
CALERA		.07	1.82			.43	1.27				.85						1.22		2.98			1.94	.44	.06				.07	2.54	2.35	.87		16.94	
CAMPBELL	R	.02			.04	1.50				.47	.28						1.28		.82	1.39		2.02	.08	.68				3.35	*	1.35			13.28	
CARBON HILL		.20	.15			.12	2.00				.93			.25			1.75	.15	2.83			1.00						.35	1.05	3.45	.50		14.73	
CENTER GROVE		.43	.98	.93		.82	2.27			1.16	.19		.20				1.44		2.15			.73	.62					.38	1.77	.60	1.28		15.95	
CENTREVILLE				.60		.02	1.78				.88						1.56	2.05	.02			2.50	.09	.06				.15	2.99	2.59	.18		15.47	
CHILDERSBURG			.13	1.96		.31	.51				.52			.09			1.20	2.10	.45			1.18	.43	.03					1.18	2.10	.40		12.59	
CITRONELLE			.25	.11		.69	1.85				1.21						1.38	T	2.42		1.85	1.80	1.97	.58				2.50	2.80	1.97	.58		21.75	
CLANTON			.06	.85		.28	1.38				.60			.07			1.03	T	2.19	.61		2.00	.92	.58				.16	3.97	1.30	.49		16.49	
CLAYTON							2.05				-						.93			1.80		1.85	.10	1.55				4.05	.20	1.60			-	
COFFEE SPRINGS				.15			2.45				.75						*	.53		2.00		1.40	.60	2.00	.10	.20	.15	.35					10.68	
COLLINSVILLE		.43		4.08		.05	2.00				.76						.61		1.94	1.21		.71	.12					1.21	4.08	1.70			18.90	
COLUMBIA				.02			.62				.05		T				.32			.97		1.90	1.04	.20					.44	.34	.15		6.05	
CORDOVA			.20	.45			1.32				.78						1.90		3.07	T		.34	.03						1.35	3.46	.21		13.11	
CUBA			.05				.95				.94				T		1.72		1.39			1.95	.11					.90	2.35	1.84	.15		12.35	
DADEVILLE			.04	.91		.05	1.15	T			.34			.03			.53		1.20	2.12		1.41	1.01	.96										



# DAILY PRECIPITATION

ALABAMA  
NOVEMBER 19

Table 3-Continued

Station	Day of Month																																Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MOBILE WB AIRPORT		.19	.10		.36	1.34	T		.04	.99	.24			T		1.69		.04	1.99		1.19	.62	2.46				.83	.50	1.07			13.4		
MOBILE WB CITY	Z	.07	.31		.10	1.69	.04		.13	.89	.14					1.44		T	1.63		.70	1.01	1.74				.65	.24	1.31			12.4		
MONTE SANO		.45	.21	1.30			1.67				1.62			.08			.56		2.10			1.02							1.41	3.15	.90		14.4	
MONTVALLO				1.03		1.10	1.33				.75						1.35		2.05			3.08	.28						2.58	2.90	.50		15.4	
MONTGOMERY WB APT	T		.76		T	.67	.19				.06	.36		T	.02		.63	.02	.03	2.68		.69	.79	1.37			8.16	1.34	2.55			21.4		
MONTGOMERY WB CITY	Z	T	1.01			2.03	.19			.13	.31		T	T	.02		.53	.01	.01	2.74		.45	1.05	1.48			6.81	1.06	2.27			20.4		
MOULTON	// R	.07	1.58	.04		2.15	.17			.02	.27	.02		.01		.03	.95		1.06	1.03		.27	.21				1.29	.13	2.38			11.4		
MUSCLE SHOALS			.47		2.36					.59	.10		.24	.06		1.16	T	1.16	.61		.16	.18					1.67	.55	2.08			11.4		
NEW MARKET		.40	.05	1.01		1.30				1.61				.10			.25		2.50	.22		.63					.10	1.17	2.45	1.12			12.4	
NEWTON				.02		1.02				.60	.06	.30					.18		.76	T		1.91	.19	.48			.42	1.26	.12	.28			7.4	
ONEONTA		.48	.68	1.22		1.57				.71			.14				1.28	3.18	.35		.68	.11	.08					1.35	4.00	1.15			16.4	
ORRVILLE			.29			.95											2.15		2.15		1.74	.82	.61				.86	3.09	1.56	.06			-	
OZARK		T		.01		1.60				.70	.01						.10	.15			2.20	.67	.66					.16	.76	.30	1.50		12.4	
PAINT ROCK	R		1.10		1.48	.10			.41	.38	*	*	.10			.35		.11	3.52		1.11	.96					1.32	.43	3.58				14.0	
PALMERDALE					1.40					.85							1.51		3.25			.03	.40					1.67	4.75	.25			15.0	
PERRYVILLE				.07		1.05				1.14							1.06		2.70			2.20	.50				.62	2.59	1.72	.52			14.1	
PETERMAN	R		1.36		1.88	.15			.09	.40						.57		.10	2.18		1.20	.40	1.41				7.57		.34			17.6		
PICKENSVILLE		.29	.34			.55				.20	.97		.09				2.00		3.70			.42						.25	1.55	3.50	.10		17.6	
PINE HILL				.11		.21	1.00		.04	1.39							1.11		2.28			1.80	1.00	.31				.73	4.66	1.22	.47		16.3	
PINE LEVEL				.64		2.33	1.30			.40							.42			1.50		1.78	1.17	.69				5.98	.16	.98			17.3	
PLANTERSVILLE			.05	.85		.65	2.57			1.25							.95		2.35	.57		1.90	1.08	.52				.08	3.40	1.10	.34		17.6	
PLEASANT HILL	R			*		2.72			.19	.15						.96	.07													1.59			-	
PRATTVILLE			.03	.30		.85	1.95			.02	.82						1.06	.01	2.00	.13		1.70	.73	.63			*	5.05	2.00	.41			17.6	
PRIMROSE FARM			.02	.86		.20	1.92			.02	.22					.02	.58		3.10	.36		1.50	.71	.69					.31	10.12	1.87	.16	22.6	
PUSHMATAHA						.87								.10			1.01		3.30	1.40		*	1.35	.15			*	2.35					-	
REFORM		.05	.31			.05	1.23			.84					.04		2.06		3.70			.38		T					1.60	4.10	.15		14.5	
RIVER FALLS				1.27		2.27	1.57			*		.81		T			.58		.14	1.54		2.63	.13	1.09	.16		.53	5.65	.54	2.45			21.3	
RIVER FALLS 2 MI NE	R	*	1.01		.65	2.48		-	-	-	-	-	-	-	-	-		-		1.54	-												-	
ROBERTSDALE 7 MI E			1.26			.23	1.12			.14	.88						.88	.03	1.57	.03		4.49	.17	.76			.29	.46	.13	1.31			13.7	
ROCK MILLS		.05	.03	1.28		.06	.78				.34	.10		.03		.01	.42	.02	2.36			1.33	.68	2.05				4.69	1.95	.68			16.8	
SAYRE		.02	.12	.91		.01	1.35			.68			.05			.02	1.63		2.28	.02		.45	.16	.02			.06	1.36	4.92	.22			14.2	
SCOTTSBORO		.14	.09	1.04		2.75				.74			.08				.20		2.66	.97		.97	.20					1.20	3.00	1.40	1.45		15.4	
SEALE 7 MILES WNW			*			1.68				*							*	*	*			2.48	1.76	.86					4.83	3.14			14.7	
SELMA		.07	.37			.38	.80		T	.91			T			T	.90	T	2.08		.14	2.10	.75	.75			.28	3.62	1.17	.25			14.5	
SHEFFIELD TVA NR5Y		.47		.21		.75	1.41			.28			.12			.76	.72		2.44			.32				1.50				3.40			12.3	
SLOCUMB			.02	.13		1.45				.39							1.42		.10	3.34		1.78	1.85	.23				.42	1.14	.03			11.30	
SNOW HILL				.79		.40	2.36										.98		2.00			1.26	1.49	.69			.25	8.62	1.60	.90			15.4	
SOUTH HILL	.05	.42	3.04			.37	1.54			1.44			.17				.33		3.32			.60					.05	1.21	2.61	.19			15.3	
SPRING HILL		.20	T			.36	1.52			.10	.96						1.37	.03	1.58			.23	1.53	.71			.57	.28	*	1.25			10.6	
SWAIM	.54	.09	.91			1.62				.95			.12				.30		2.85	.50		1.14							1.62	2.80	1.28			14.72
SYLACAUGA		.04	.96		.64	.91			.01	.65			.09				1.17		2.00	.30		1.40	1.01	.58			.11	2.01	1.71	.72			14.31	
SYLVANIA	.13	.14	1.95			1.67				.95			.10				.31		2.40	1.00		.53	.10	.05				1.09	3.35	1.18			14.95	
TALLADEGA	.10		1.63		.58	1.04				.55			.13				1.13		1.58	.68		1.25	.48	.39				1.93	2.46	.76			14.69	
THOMASVILLE		.03	.02		.39	.77				.99							1.05	.03	2.00			1.89	.85	.49	.68				3.76	.45	.42			13.92
THORSSY 1 MILE SW	R	1.15	-	-	-	.18			.61	.15		.10				.90		.02	2.55		1.02	.15	.94			3.20	1.30	1.28					-	
THURLOW DAM		.01	1.68	.02	.03	1.45				.32	.03						.43			3.63		1.80	.17	1.09					9.01	.78	.82			21.27
TIBBIE					.62					.85							1.45		*			2.00	.95	.45			1.10	9.00	.25	.05			16.72	
TONEY	// R				3.22				.30	.20			.05			.43		1.12	1.32		.33	.14				1.34	.72	2.21					12.62	
TRAFFORD		1.24	1.21			2.68				*							2.48		2.42			.50	.25					1.40	6.47	.27			17.68	
TROY			.17		.09	1.80				.29							.37			2.02		2.00	.11	1.49			.43	2.82	.50	1.03			13.12	
TUSCALOOSA AIRPORT	.09	.23			1.78				.71	.21		.01	.04	.02		1.55	T	.20	2.24		.74	.15	.28				2.12	.55	3.32	.01			14.25	
TUSCALOOSA LK DAM	.01	.46	.05		.01	1.93				.86			.06	.01			1.65		2.20	.02		.93	.25	.04				.19	1.95					



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## HOURLY PRECIPITATION

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STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
MONTGOMERY WB AIRPORT 6								*	*	*	*	*	.01	*	*	*	*	*	*	.01						.0	
MONTGOMERY WB CITY																											
TUSCALOOSA AIRPORT 6		*	*	*	*	.01	*	*	*	*	*	.01															
-15th-																											
BERRY	-	-	-	-	-	-	-	-	-	-	-	-													-		
MOULTON //																									.0		
-16th-																											
ABBEVILLE																			.20	.01							
ADDISON										.15	.20	.10	.10	.15	.14	.05	.03	*			*	*	*	*		.9	
ANNISTON WB AIRPORT 6																	*	*	.87	*	*	*	*	*	*	.9	
ASHLAND //														.02	.06	.08	.24	.37	.06	.11	.03					.1	
ATMORE STATE FARM																	.63	.20	.14	.08	.04	.02	.01	.01		1.1	
AUBURN 4 MILES N																			.23	.29	.06	.03	.02			.6	
BELGREEN				.09		.02	.09	.34	.26	.12	.08	.19	.11	.10												1.4	
BERRY	.02									.12	.29	.21	.20	.30	.39	.56	.07									2.1	
BEXAR 2 MILES SE							.07	.36	.18	.15	.24	.21	.17	.05												1.4	
BIRMINGHAM WB AIRPORT											.05	.08	.09	.12	.11	.32	.36	.12								1.2	
BOAZ												.01	.09	.11	.05	.13	.12	.09	.03							.6	
CAMPBELL														.01	.76	.15	.18	.16	.02							1.2	
DADEVILLE NO 2																		.02	.16							.4	
DOTHAN CAA AIRPORT																			.14	.12	.03			.01		.2	
EUTAW LOCK NO 7														*	*	*	*	*	*	*	*	*	*	*	1.59	.5	
FLAT ROCK															.05	.04			.54	.06	.12	.06	.05	.02	.02	.02	.0
FORT MORGAN //																			.03							.8	
FORT PAYNE	-	-	-	-	-	-	-	-	-					.13	.24	.20	.12									1.2	
GARDEN CITY									.01	.20	.18	.12						.40	.19	.11						.7	
GREENVILLE NO 2																		.10								.5	
GUNTERSVILLE REC											.10	.02		.09	.01	.18	.01	.10								.5	
HALEYVILLE							*	*	*	*	*	*	*	*	*	*	*	1.12	*	*	*	*	*	*	*	1.1	
HUNTSVILLE 6							*	*	*	*	*	*	*	.38	*	*	*	*	*	.20	*	*	*	*	*		
JACKSONVILLE //															.01	.04	.06	.12	.24	.17	.01					.6	
LAY DAM														.02	.05	.13	.37	.08	.12	.03	.01	.01				.8	
LOCK NO 1 //																	.62	.18	.16	.18	.06					1.2	
MAGNOLIA																	.02	.38	.21	.19	.16	.04				1.0	
MARION 1 MILE SSE										.01	.01	.05	.10	.45	.17	.15	.03	.01		.02				.01		1.0	
MIDWAY																.01		.25	.01	.01		.01	.01	*	*	.3	
MOBILE WB AIRPORT 6														*	*	*	*	*	1.46	*	*	*	*	*	*	1.4	
MOBILE WB CITY														*	*	*	*	.89	.12	.16	.16	.04	.03	.04	*		
MONTGOMERY WB AIRPORT 6														*	*	*	*	*	.49	*	*	*	*	*	*	.5	
MONTGOMERY WB CITY														*	*	*	.15	.21	.09	.08						.9	
MOULTON //									.11	.18	.04	.02	.38	.06	.09	.01	*	.06									
MUSCLE SHOALS 6	*	*	*	*	*	*	.25	*	*	*	*	*	.83	*	*	*	*	*	*	.08							.9
PAINT ROCK												.04	.05	.09	.03	.01	.12	.01								.3	
PETERMAN																	.19	.10	.15	.09	.04					.5	
PLEASANT HILL								.16									.30	.20	.16	.09	.05					.9	
THORSBY 1 MILE SW														.04	.06	.10	.41	.09	.17	.03						.9	
TONEY //							.06	.05	.08	.02	.11	.08	.01	.02												.4	
TROY																			.31	.03	.02	.01				.3	
TUSCALOOSA AIRPORT 6							*	*	*	*	*	.40	*	*	*	*	*	*	1.15								
UNIVERSITY										.09	.17	.26	.20	.55	.15	.20	.01									1.6	
VERNON	.02			.02				.01	.27	.18	.13	.31	.46	.39	.16	.02										1.9	
-17th-																											
ABBEVILLE	.01	.02		.01																						.0	
ANNISTON WB AIRPORT 6	.07	*	*	*	*	.01																				.0	
ATMORE STATE FARM				.01	.01	.01																				.0	
BIRMINGHAM WB AIRPORT	.01					.01																				.0	
BOAZ	.01	.01	.01																							.0	
FLAT ROCK												.01			.01											.0	
FORT MORGAN //				.01	.02	.01																				.0	
HUNTSVILLE 6	.01	*	.02	*	*	*	.02																			.0	
LAY DAM		.01	.01	.01																						.0	
MOBILE WB AIRPORT 6	.23																									.0	
MONTGOMERY WB AIRPORT 6	.14	*	*	*	*	*	.02																			.0	
MONTGOMERY WB CITY						.01																				.0	
PLEASANT HILL							.01	.05	.01																	.0	
TRAFFORD	*	*	*	*	*	*	5.67																			5.67	
-18th-																											
ADDISON													.01	.01				.03	.01	.01	.01	.01	.06	1.55	1.70		
ANNISTON WB AIRPORT 6																				*	*	*	*	*			
ATMORE STATE FARM																		.01					.01	.02			
BELGREEN																	.02	.01	.05	.03	.01	.09	.92	.18	1.51		
BERRY										.01	.01							.01					.01	.31	.40		
BEXAR 2 MILES SE							.01			.03		.01					.06	.01	.01	.03	.02		.01	.93	.17	1.44	
BIRMINGHAM WB AIRPORT												.06	.03					.01	.02				.01	.12	.22	.12	
BOAZ														.11	.01			.01	.01	.02			.01	.23	.01	.23	
CAMPBELL	.02	.04														.02	.04	.11	.04	.06	.20	.12	.06	.10	.01	.82	
DADEVILLE NO 2										.05	.01						.03	.01	.01				.02	.01	.01	.04	
EUTAW LOCK NO 7							.02					.01	.02	.01				.06	.03				.01		.09	.25	
FLAT ROCK																										.18	
FORT MORGAN //																										.04	
FORT PAYNE																											

# TABLE 4 — Continued

## HOURLY PRECIPITATION

ALABAMA  
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STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PETERMAN																		.01	.03	.01	.03	.04	.01		.10
PLEASANT HILL																									
THORSBY 1 MILE SW																						.01	.01		.02
TONEY //																							.91	.20	1.12
TRAFFORD							*	*	*	*	*	*	*	*	*	*	*	.17	*	*	*	*	*	*	*
TUSCALOOSA AIRPORT												.03	*	*	*	*	*	.01	.07	.01					.09
UNIVERSITY									.01	.03						.01	.03	.02					1.78	.79	2.67
VERNON																									
-19th-																									
ABBEVILLE																									2.36
ADDISON	.97	.18	.20	.20	.11	.06	.03		.06	1.49	.35	.28	.09	.09											1.80
ANNISTON WB AIRPORT 6	.04	*	*	*	*	.61	*	*	*	.01	.01	.01	.01	.01											
ASHLAND //	.01	.02	.01	.02	.03	.18	.65	.17	.25	.10	.05	.05													1.54
ATMORE STATE FARM	.02	.01		.02	.19	1.44	.19																		1.87
AUBURN 4 MILES N							.05	.15	.44	.32	.24	.19	.08	.06											1.53
BELGREEN	.20	.23	.10	.04			.02			.01															.62
BERRY	2.35	.32	.19	.11	.06																				3.03
BEXAR 2 MILES SE	.23	.40	.10																						.73
BIRMINGHAM WB AIRPORT		.18	.97	.31	.17	.23	.16	.15	.01	.02	.01														2.21
BOAZ		.07	1.37	.47	.16	.30	.37	.34	.08	.02	.07	.01	.01	.01		.01									3.29
CAMPBELL	.01	.50	.58	.19	.04	.05	.01	.01																	1.39
DADEVILLE NO 2				.02	.02	.24	.40	.50	.40	.40	.26	.13	.07	.10	.10			.01							2.65
DOTHAN CAA AIRPORT 6							.45	2.00	.61	.24	.02	.13				.02									3.47
EUTAW LOCK NO 7	.86	.69	.10	.01																					1.66
FLAT ROCK	.61	1.00	.18	.12	.20	.30	.17	.13	.22	.13	.05				.01										3.12
FORT MORGAN //		.06	.01		.68	1.09	.07																		1.91
FORT PAYNE	.01	.02	.07	1.41	.21	.17	.36	.33	.21	.08	.21	.08	.01	.01											3.18
GARDEN CITY	.15	1.65	.22	.12	.11	.12	.09	.04	.03	.01															2.54
GREENVILLE NO 2		.01	.21	.01	.03	1.25	1.29	.21	.09	.01		.01													3.12
GUNTERSVILLE REC		.80	1.20	.19	.21	.25	.25	.11	.04		.06														3.11
HALEYVILLE	.24	.17	.21	.16	.01	.03	.02																		.84
HUNTSVILLE 6		*	*	*	*	*	2.29	*	*	*	*	*	.33												2.56
JACKSONVILLE //	.02			.01	.02	.11	.09	.50	.50	.40	.22	.22	.12	.12	.23	.01									2.26
LAY DAM		.02	.05	.01	.11	1.39	.25	.33	.04	.01	.03		.01	.01											1.19
LOCK NO 1 //		.01	.57	.41	.08	.11	.01																		1.50
MAGNOLIA	.29	.03		.76	.18	.06	.18																		1.30
MARION 1 MILE SSE	.09	.01	.42	.27	.23	.14	.14																		1.86
MIDWAY							.03	1.04	.28	.26	.13	.08	.02	.01		.01									1.63
MOBILE WB AIRPORT 6	.01	*	*	*	*	*	1.98	*	*	*	*	*	.01												2.74
MOBILE WB CITY	.07	.09		.07	1.23	.16	.01								1.39										1.03
MONTGOMERY WB AIRPORT 6	.02	*	*	*	*	*	1.29	*	*	*	*	*													2.74
MONTGOMERY WB CITY		.02		.07	.28		1.39	.62	.14	.20		.02													1.03
MOULTON //	.37	.12	.23	.11	.03	.02	.10				.04	.01													3.52
MUSCLE SHOALS 6	1.14	*	*	*	*	*	.61																		2.18
PAINT ROCK	.02	1.48	.60	.20	.20	.29	.21	.17	.25	.05	.05														2.55
PETERMAN	.07	.01	.01	.01	.75	1.05	.25	.03																	1.32
THORSBY 1 MILE SW		.01		.01	1.54	.30	.30	.32	.07																2.42
TONEY //	.20	.31	.16	.34	.15	.05	.11																		2.04
TRAFFORD	*	*	*	*	*	*	2.42																		
TROY							1.09	.21	.43	.06	.19	.06													1.90
TUSCALOOSA AIRPORT 6	.01	*	*	*	*	2.21	*	*	*	*	.03														.71
UNIVERSITY	.21	.30	.90	.43	.12	.13	.02																		
VERNON	.21	.24	.17	.04	.02	.01			.02																
-21st-																									
ABBEVILLE																	.01	.05	.34	.04	.23	.21	.02		.50
ADDISON													*	*	*	*	.21	.21	.24	.05	.01	.03	.01		.74
ANNISTON WB AIRPORT 6																	.09	.06	.04						.91
ASHLAND //													.35	.08		.04	.10	.12	.02	.13	.02	.01	.02	.34	2.11
ATMORE STATE FARM																				.15					.41
AUBURN 4 MILES N																			.06	.03	.05	.08	.12	.01	.25
BELGREEN																			.15	.06	.19	.05			.29
BERRY																			.02	.03	.04	.09	.22	.30	.95
BEXAR 2 MILES SE																	.03	.02	.01	.01	.01	.11	.12	.10	.38
BIRMINGHAM WB AIRPORT																	.01	.01	.01	.01	.01	.11	.12	.10	.38
BOAZ										.06	.02	.03	.13	.01					.09	.33	.33	.74	.16	.12	2.02
CAMPBELL																			.01	.06	.03	.13			.23
DADEVILLE NO 2																			.09	.03					.72
DOTHAN CAA AIRPORT																			.02	.17	.81	.30	.25		1.55
EUTAW LOCK NO 7																			.02	.17	.81	.30	.25		1.55
FLAT ROCK																			.02	.17	.81	.30	.25		1.55
FORT MORGAN //							.01	.03		.09	.02	.15				.01			.03	.02	.01	.23	.07	.05	.77
FORT PAYNE																			.02	.02	.03	.01	.06	.16	.07
GARDEN CITY																			.07	.01	.04	.17	.02		.31
GREENVILLE NO 2										.02	.09	.02	.01			.01			.01		.25	.02	.54		.97
GUNTERSVILLE REC																			.07		.02	.11	.10	.02	.32
HALEYVILLE																			*	*	*	*	*	*	.57
HUNTSVILLE 6																			*	*	*	*	*	*	.57
JACKSONVILLE //																			.05	.01	.01	.01			.08
LAY DAM													.01	.03	.02	.03	.05	.01	.20	.25	.01	.71	.37	.42	1.14
LOCK NO 1 //										.29	.22	.03	.28	.05	.01				.13	.36	.29	.80	.23		2.41
MAGNOLIA											.05	.02	.02	.05					.01	.51	.30	.55	.13		1.57
MARION 1 MILE SSE																					.07	.17	.05		.29
MIDWAY																									
MOBILE WB AIRPORT 6							*	*	*	*	*	*	.22	*	*	*	*	*	.02	*	*	*	*	*	.

# TABLE 4 — Continued

## HOURLY PRECIPITATION

ALABAMA  
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STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
-22d-																										
ABBEVILLE			.04	.27	.53	.23	.02	.10	.04	.01		.01				.28	.11	.01							1.65	
ANNISTON WB AIRPORT 6	.57	*	*	*	*	.44				*	*	.01		*	*	*	*	.02								
ASHLAND //	.51	.39	.05	.01	.01	.06	.01	.01	.01																1.06	
ATMORE STATE FARM	.60	.36	.12	.03	.02	.01						.01					.02			.01					1.18	
AUBURN 4 MILES N	.20	.75	.19	.10	.04																				1.28	
BELGREEN	.05	.01				.10																			.16	
BEXAR 2 MILES SE		.01	.02	.01	.01	.01																			.06	
BIRMINGHAM WB AIRPORT	.12			.02			.09	.13	.14	.01	.01						.01								.53	
BOAZ	.04	.01				.01		.01	.02	.03	.02														.14	
CAMPBELL	.04	.01					.01				.01	.01													.08	
DADEVILLE NO 2	.04	.30	.50	.20	.07												.10	.02							1.23	
DOTHAN CAA AIRPORT		.01		.09	.44	.12	.05	.19	.03	.02							.11	.81	.15	.02			.01		2.05	
EUTAW LOCK NO 7					.04	.05	.01																		.10	
FLAT ROCK	.15	.07			.02					.05															.29	
FORT MORGAN //		.02	.12	.26	.04																				.44	
FORT PAYNE	.08	.05											.01	.01	.01	.01									.17	
GARDEN CITY	.01		.02	.01	.01			.02	.02				.01		.01		.01								.11	
GREENVILLE NO 2	.34	.20	.09	.02								.06	.01	.01											.73	
GUNTERSVILLE REC	.03		.04				.01	.01	.02																.11	
HUNTSVILLE 6	1.01	*	*	*	*	*	.02	*	*	*	*	*	*	.03												
JACKSONVILLE //		.03	.58	.60	.32	.12		.01		.01	*	*	*	.03			.01	.01			.01				1.70	
LAY DAM	.24	.03	.02	.01	.01	.01														.01					.31	
LOCK NO 1 //	.03	.05		.01	.01	.01			.02	.01		.01													.14	
MAGNOLIA	.07	.02	.01																						.10	
MARION 1 MILE SSE	.07																								.07	
MIDWAY	.03	.81	.29	.32	.13	.02	.03	*	*	*	*	*	*	.01	*	*	.01	.08	.04	*	*	*	*	*	1.77	
MOBILE WB AIRPORT 6	.98	*	*	*	*	*	.54	*	*	*	*	*	*	.02	*	*	*	*	.01	*	*	*	*	*	*	
MOBILE WB CITY	.58	.10	.24	.02	.04	.02											.01								1.01	
MONTGOMERY WB AIRPORT 6	.59	*	*	*	*	*	.68	*	*	*	*	*	*	.03	*	*	*	*	.02	*	*	*	*	*	*	
MONTGOMERY WB CITY	.55	.29	.12	.03				.01				.01	.01			.01	.02								1.05	
MOULTON //	.01						.20																		.21	
MUSCLE SHOALS 6	.15	*	*	*	*	*	.18																			
PAINT ROCK		.01		.01	.01		.03																		.06	
PETERMAN	.24	.04	.04	.02	.01							.01	.02			.01	.01								.40	
THORSEY 1 MILE SW	.14	.01																							.15	
TONEY //	.01	.02	.02	.03	*	*	.06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
TRAFFORD	*	*	*	*	*	*	.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
TROY	.21	.67	.36	.33	.16	.03	*	*	*	*	*	.05			.01	.01	.01	.01	.01						1.80	
TUSCALOOSA AIRPORT 6	.80	*	*	*	*	.03	*	*	*	*	*														.58	
UNIVERSITY	.20	.16	.01					.01	.20																.04	
VERNON	.01	.01	.01	.01																						
-23d-																										
ABBEVILLE						.40	*	.01	*	.06	.30	.23	.03	.08	.03	.02	.06	.03	.01						.86	
ANNISTON WB AIRPORT 6	*	*	*	*	*	.02	*	*	*	*	*	.19	*	*	*	*	*	.16								1.10
ASHLAND //				.01	.02	.03	.24	.09	.29	.11	.05	.06	.12	.02	.01	.03	.01	.01							2.58	
ATMORE STATE FARM	.01			.01	.09	.65	.05	.82	.12	.16	.16	.15	.22	.10	.01	.03	.01	.01							1.78	
AUBURN 4 MILES N		.04	.07		.08	.16	.18	.26	.21	.19	.03	.04	.11	.16	.14	.03	.04	.04							.30	
BIRMINGHAM WB AIRPORT			.15	.04	.06		.02	.01					.01	.01	.01	.02									.08	
BOAZ				.02	.01																				.68	
CAMPBELL			.07	.17	.04	.15	.07	.01	.02	.06	.05	.03	.01												.47	
DADEVILLE NO 2	.01	.09	.01	.23	.22	.02	.03	.15	.12	.20	.14	.10	.05	.03	.08	.12	.04	.02	.03						1.69	
DOTHAN CAA AIRPORT					.01				.02	.07	.17	.04	.03	.03	.02	.05	.03								.30	
EUTAW LOCK NO 7		.06	.15	.09						.09	.16	.10	.15	.05	.08	.01									.70	
FORT MORGAN //			.01	.01	.02	.03																			.02	
FORT PAYNE							.09	.73	.69	.06	.09	.04	.03	.12	.15	.02	.02	.02	.01						2.21	
GREENVILLE NO 2				.02	.02	.10	.04	.04	.03	.25			.01	.02	.01	.04	.04								.48	
JACKSONVILLE //				.04	.04	.03	.25						.01	.02	.01	.04	.04								1.37	
LAY DAM	.02	.11	.01	.10	.42	.16	.10	.15	.04	.02	.05	.06	.07	.04	.01	.01									1.56	
LOCK NO 1 //		.06	.04	.10	.34	.29	.28	.04	.06	.04	.07	.14	.08	.01	.01										.80	
MAGNOLIA	.01			.13	.01	.19	.03	.15	.07	.02	.01	.04	.08	.06											.43	
MARION 1 MILE SSE			.01	.01	.26	.01	.03	.02	.01	.01	.03	.04	.01												1.49	
MIDWAY	.03	*	*	*	.01	.01	.01	.36	.37	.15	.15	.08	.19	.07	.03	.01	.01	.01			.01					
MOBILE WB AIRPORT 6	.02	*	*	*	*	*	.35	*	*	*	*	*	*	.19	*	*	*	*	.12							
MOBILE WB CITY				.01	.20		.12	.42	.30	.17	.14	.16	.13	.06	.03	*	*	*	.26						1.74	
MONTGOMERY WB AIRPORT 6	.01	*	*	*	*	*	.21	*	*	*	*	*	*	.90	*	*	*	*								
MONTGOMERY WB CITY	.01	.03	.03	.08	.05	.24	.34	.14	.14	.04	.06	.13	.12	.03	.03	.01									1.48	
PETERMAN		.02	.02	.06	.40	.20	.16	.15	.10	.06	.08	.09	.01	.02	.01	.01	.01	.01	.01						1.41	
THORSEY 1 MILE SW		.01		.04	.45		.02	.18	.01	.01	.02	.08	.04	.07	.01										.94	
TRAFFORD	*	*	*	*	*	.25																			.75	
TROY					.01		.04	.50	.25	.05	.14	.17	.10	.20	.06	.03	.01								1.56	
TUSCALOOSA AIRPORT 6	*	*	*	*	.24	*	*	*	*	*	*	.02	*	*	*	*	*	.02								
UNIVERSITY			.09	.06	.03							.01	.01												.20	
-26th-																										
ABBEVILLE						.07	.01	.08	.07	.05	.01	.01	.04	.11	.21	.04										



# TABLE 4 — Continued

## HOURLY PRECIPITATION

ALABAMA  
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
LOCK NO 1 //					.12	.35	.38	.22	.27	.07	.63	.66	.55	.44	.21	.82	.09	1.16	1.35	.49	.20	.06			8.07		
MAGNOLIA					.18		.10	.21	.25	.19	.13	.24	.20	.40	.25	.69	.12	.05	.14	.16	.17	.02	.01		3.51		
MARION 1 MILE SSE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
MIDWAY					.10	.20	.33	.23	.28	.24	.03	.01	.03	.15	.02	.11	.02	.03	.17	.90	.18	.20		3.23			
MOBILE WB AIRPORT 6			*	*	*	*	*	*	*	*	*	*	.06	*	*	*	*	*	.01	*	*	*	*				
MOBILE WB CITY					.07	.33	.03	.01					.01	*	*	*	*	*		.01	.04	.14	.01	.65			
MONTGOMERY WB AIRPORT 6							.09	.27	.39	.76	.23	.26	.68	.75	.65	.75	.23	.31	.52	.47	.30	.08	.06	.01	6.81		
MONTGOMERY WB CITY							.22	.08		.01	.02		.05	.01	.01	.64	.03	.05	.08	.07	.02				1.29		
MOULTON //							.19	*	*	*	*	*	1.05	*	*	*	*	*	.32	*	*	*	*				
MUSCLE SHOALS 6		*	*	*	*	*																					
PAINT ROCK	.02				.02		.09	.06	.15	.29	.20	.07	.13	.03	.07	.02	.08	.09	.08	.09				1.32			
PETERMAN					.38		.26	.56	.98	.44	.18	.47	.17	.41	.42	.05	.28	.16	.08	1.94	.44	.23	.12	7.57			
THORSBY 1 MILE SW					.10	.10	.14	.27	.13	.14	.02	.12	.21	.25	.50	.72	.30	.06	.12	.02				3.20			
TONEY //	.02				.02		.16	.31	.09	.12	.07	.11	.02	.08	.04	.06	.19	.03			.02			1.34			
TRAFFORD																			*	*	*	*	*	*			
TROY					.01		.13	.23	.30	.17	.16	.34	.16	.05	.05		.10	.17	.05	.03	.04	.85	.29	.21	3.34		
TUSCALOOSA AIRPORT 6		*	*	*	*	.06				*	*	1.02	*				.91										
UNIVERSITY							.20	.10	.20	.14	.16	.14	.21	.15	.10	.20	.15	.05	.13	.08	.08	.01			2.10		
VERNON										.04	.02	.23	.19	.07	.08	.01	.15	.10	.08						.97		
-27th-																											
ABBEVILLE	.50	.53	.04	.28	.03	.02	.07	.02	.01	.01	.01	.06										.11	.25	1.58			
ADDISON	.01	.01																						.38			
ANNISTON WB AIRPORT 6	.33																		.04	.04	.03	.03	.36	.17	.72		
ASHLAND //	.01			.01	.01	.01			.01							.15			.09	.02	.06	.02	.01		.42		
ATMORE STATE FARM	.04	.01			.01	.01													.06	.03	.03				.40		
AUBURN 4 MILES N	.03	.02															.05	.03	.04	.11	.06	.10	.21	.42	1.14		
BELGREEN																					.02	.01	.13	.23	.39		
BERRY																								.20	.23		
BEXAR 2 MILES SE	.01												.01	.01							.04	.21	.13	.34	.72		
BIRMINGHAM WB AIRPORT																											
BOAZ																											
CAMPBELL				.02					.01																		
DADEVILLE NO 2	.03									.01	.01	.02	.02	*	*	*	*	*	.04	.14	.07	.07	.14	.03	.01	.59	
DOTHAN CAA AIRPORT			.12	.06	.03	.01	.08	.01	.01	.14	.01	.01								.01					.49		
EUTAW LOCK NO 7																			.10	.05	.15	.13	.77	.25	1.45		
FLAT ROCK																								.10	.10		
FORT MORGAN //	.37	.10		.10	.05	.01		.01				.01					.01								.66		
FORT PAYNE	*	*	*	*	*	*	*	*	.20													.06	.19		1.25		
GARDEN CITY																					.02	.16	.26	.20	.64		
GREENVILLE NO 2													.24	.04	.01	.01			.01	.07	.03	.17	.08	.66			
GUNTERVILLE REC																					.10	.29	.39				
HALEYVILLE																					.01	.28	.34				
HUNTSVILLE 6	.15	*	*	*	*	*	.01	.03	.01							.01	.01			*	*	*	*		.03		
JACKSONVILLE //	*	*	*	*	*	*	*	*	3.03							.01		.01	.01	.05	.01	.01	.52	.08	3.70		
LAY DAM																.20	.01	.01	.01	.07	.20	.01	.02	.01	.54		
LOCK NO 1 //																.13	.05	.01	.01	.15	.48	.06	.01	.90			
MAGNOLIA	*	*	*	*	*	*	*	*	*	2.80	*	*				.04	.13	.04	.09	.21	.89	.18	.06	4.44			
MARION 1 MILE SSE				*	*	*	*	*	*																		
MIDWAY	.01	.01					.03	.03	*	*	.01	*	.02	.04	.20	.04	*	*	.06	*	*	*	*		.38		
MOBILE WB AIRPORT 6	.26																		.10	.06	.02	.01	*		.24		
MOBILE WB CITY	.03			.01	.01	*		*	.01					*	*	*	*	.10	.53	*	*	*	*				
MONTGOMERY WB AIRPORT 6	2.25	*	*	*	*	*	.01	.02						*	*	*	*	.06	*	*	*	*	*				
MONTGOMERY WB CITY						.01	.02		.03							.01	.11	.18	.08	.09		.05	.01	.50	1.06		
MOULTON //																							.10	.13			
MUSCLE SHOALS 6	.11																				*	*	*	*	.43		
PAINT ROCK													.02					.17	.01	.40	.29						
PLEASANT HILL																		.02	.07	.02	.10	.01	.06	.88	.14	1.30	
THORSBY 1 MILE SW																	.02	.07					.51	.21	.72		
TONEY //	*	*	*	*	*	*	1.40	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
TRAFFORD				*	*	*	.01									.01	.08	.02	*	*	*	.01	.01	.03	.20	.09	.52
TROY	.05	.01																									
TUSCALOOSA AIRPORT 6	.13																		.02			.18	.05	.20	.45		
UNIVERSITY																					.01	.08	.41	.50			
VERNON																											
-28th-																											
ABBEVILLE			.01	.01	.01	.02	.02	.01	.01	.05					1.26	.02									1.42		
ADDISON	.33	.75	.25	.25	.20	.09	.15	.08	.16	.04	.21	.01	*	*	.01	.01	.01	.03	.09	*	*	*	*	*	2.58		
ANNISTON WB AIRPORT 6	.57	*	*	*	*	1.87	*	*	*																		
ASHLAND //	.70	.52	.11	.14	.06	.05	.05	.04	.12	.02		.06	.11	.01	.03										2.02		
ATMORE STATE FARM				.01	.01	.08	.38	.02			.49	.01													1.00		
AUBURN 4 MILES N	.22	.10	.03	.03	.02					.34	.12	.02	.03	.04	.03	*	.02				.01	.02			.98		
BELGREEN	.38	.17	.08	.19	.10	.11	.10	.01	.10	.02	.02	.06	.02	.03	.02						.01				1.46		
BERRY	.14	.83	.96	.25	.32	.14	.10	.05		.03	.01	.01	.02			.05	.03								2.94		
BEXAR 2 MILES SE	.65	.35	.30	.10																							

# TABLE 4 — Continued

## HOURLY PRECIPITATION

ALABAMA  
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PETERMAN							.24	.10																	.34
PLEASANT HILL	.10	.01			.01		.43	.06	.49			.39	.08	.02											1.59
THORSEY 1 MILE SW	.02	.05	.01	.01	.01		.19	.11			.87	.01													1.28
TONEY //	.29	.40	.39	.20	.14	.20	.11	.07	.11		.09	.09	.02	.01	.01	.07	.01	*	*	*	*	*	*	*	2.21
TRAFFORD	*	*	*	*	*	*	6.47	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TROY	.03	.02	.01	.01	*	1.97	*	.04	*	.04	.53	.37	.06	*	*	*	*	.18	*	*	*	*	*	*	1.11
TUSCALOOSA AIRPORT 6	.71	*	*	*	*	*	*	*	*	*	*	.94	*	*	*	*	*	*	*	*	*	*	*	*	3.99
UNIVERSITY	.15	.35	.25	.25	.20	.80	.75	.31	.09	.43	.22	.08	.01						.01	.05	.04				2.74
VERNON	.58	.52	.38	.22	.24	.20	.32	.09	.03	.01	.01		.02	.01	.07	.03	.01								
-29th-																									
ANNISTON WB AIRPORT 6	.02																								
HUNTSVILLE 6	.09																								
MOBILE WB AIRPORT 6	.02																								
MUSCLE SHOALS 6	.01																								
TRAFFORD	*	*	*	*	*	*	.27																		8.14
TUSCALOOSA AIRPORT 6	.08																								
-30th-																									
BOAZ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW BROCKTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RIVER FALLS 2 MILES NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES

ALABAMA  
NOVEMBER 1948

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE	MAX	72	76	63	69	77	72	64	65	69	68	52	59	61	60	60	69	57	58	68	66	59	63	55	48	51	60	52	64	57	37	61.7	
	MIN	53	53	52	51	45	48	41	42	46	39	31	31	48	38	36	42	47	47	53	41	37	40	44	32	32	37	47	52	35	33	42.4	
ALEXANDER CTY 6 MI NE	MAX	77	80	69	71	79	81	68	69	68	69	56	63	60	64	60	72	64	64	72	68	62	60	64	52	57	64	55	72	71	52	66.1	
	MIN	57	60	49	45	49	53	39	39	46	40	28	34	47	46	30	32	49	48	52	37	31	46	50	42	29	30	45	52	42	29	42.5	
ANDALUSIA	MAX	84	78	76	76	83	82	69	70	74	74	59	64	69	74	69	75	77	72	80	70	66	68	72	56	69	75	77	77	48	71.8		
	MIN	63	64	61	55	61	53	46	49	57	48	35	44	44	53	45	52	59	59	64	42	42	54	55	43	39	54	61	41	36	51.0		
ANNISTON	MAX	74	67	72	76	78	70	68	72	70	68	65	63	63	65	70	66	64	74	73	64	68	60	56	57	65	55	66	64	49	60	66.1	
	MIN	59	59	50	48	60	52	41	45	52	33	30	44	41	36	32	39	52	50	45	37	35	52	46	35	32	43	47	47	40	30	43.7	
ANNISTON WB AIRPORT	MAX	77	67	72	78	84	67	70	71	68	65	63	63	62	63	71	64	62	73	71	62	66	59	54	55	66	54	65	62	48	58	65.3	
	MIN	60	59	50	47	58	51	38	43	52	32	28	42	40	34	31	39	51	51	44	36	34	49	46	32	31	40	47	48	39	30	42.7	
ATMORE STATE FARM	MAX	84	80	77	77	84	83	67	70	73	74	57	63	67	70	67	77	75	74	77	66	66	63	68	54	60	69	75	77	75	49	70.6	
	MIN	59	59	57	58	63	54	45	50	48	35	35	44	54	49	51	52	58	62	42	42	51	53	42	38	39	58	62	42	36	49	44.4	
AUBURN	MAX	78	72	70	71	78	80	68	68	73	65	57	62	56	65	62	74	68	64	75	68	61	65	67	55	58	64	58	72	72	44	66.3	
	MIN	60	60	61	49	56	50	38	45	53	50	30	39	45	47	54	37	52	52	58	39	35	43	54	32	46	47	47	40	33	45	48.8	
BAY MINETTE	MAX	79	81	77	84	77	77	72	72	75	67	65	70	74	69	74	76	73	80	74	67	63	70	67	62	70	75	76	77	51	59	71.6	
	MIN	60	61	56	57	57	50	49	46	60	44	34	42	41	38	51	55	58	63	54	40	45	55	43	41	50	55	63	64	38	34	50.8	
BIRMINGHAM WB APT	MAX	77	71	69	79	80	65	70	71	68	56	63	68	61	63	72	62	62	72	70	61	66	60	52	55	66	56	65	65	45	57	64.9	
	MIN	61	56	52	51	57	45	38	45	53	34	31	39	43	38	35	45	50	55	48	37	36	51	37	32	34	51	54	43	38	31	44.0	
BIRMINGHAM WB CITY	MAX	79	80	72	70	79	82	69	71	73	69	59	66	69	65	66	71	65	63	72	68	64	69	59	49	58	66	66	69	64	46	66.9	
	MIN	65	63	56	55	60	50	42	46	53	42	35	40	48	46	42	45	50	54	60	42	43	50	45	34	36	47	50	55	38	35	47.6	
BREWTON 3 MILES SSE	MAX	84	81	75	77	83	82	71	72	75	76	60	65	69	75	71	77	76	73	77	68	68	66	71	56	63	70	75	78	78	50	72.1	
	MIN	57	59	57	51	52	54	45	46	50	50	31	34	43	52	45	45	47	53	61	42	37	54	55	44	34	35	56	61	43	38	47.7	
CENTREVILLE	MAX	82	78	78	70	80	82	73	72	75	70	60	65	69	70	67	75	60	69	73	65	64	64	60	52	58	63	58	72	75	47	68.2	
	MIN	62	65	52	60	52	58	42	45	40	43	40	42	44	50	42	42	53	50	62	42	43	42	50	32	32	52	53	50	39	34	47.1	
CITRONELLE	MAX	83	79	78	75	84	81	67	70	71	76	59	64	69	73	66	72	74	72	73	67	65	63	64	52	61	69	73	75	74	51	70.0	
	MIN	62	67	55	58	60	54	48	56	44	40	44	45	54	53	54	59	61	58	40	41	52	50	38	45	46	60	54	42	35	50.7		
CLANTON	MAX	78	78	70	71	78	82	66	66	71	68	55	61	67	64	63	70	60	65	74	67	63	62	60	50	55	65	55	70	72	45	65.7	
	MIN	54	60	59	50	54	53	40	43	45	30	30	39	49	46	63	70	60	65	74	67	63	62	60	50	57	58	56	65	46	66.4		
CORDOVA	MAX	79	78	75	71	80	83	67	72	74	73	57	64	65	65	66	72	55	60	49	46	58	43	33	50	45	32	30	48	50	39	44.4	
	MIN	59	60	52	50	60	50	35	40	44	40	28	34	53	40	30	40	49	46	58	43	33	50	45	32	30	48	50	55	40	39	69.3	
DAYTON	MAX	76	81	75	83	86	70	70	73	72	64	65	65	68	78	72	74	76	72	65	62	58	59	60	67	62	62	76	60	55	69.3		
	MIN	54	55	55	54	62	55	42	45	50	41	32	38	55	41	43	55	57	59	40	45	51	49	35	41	54	55	59	40	34	47.9		
DECATUR	MAX	72	73	64	68	76	78	63	66	72	72	55	60	56	61	61	70	55	64	70	67	61	68	55	47	52	64	53	58	57	43	62.7	
	MIN	58	58	54	55	56	46	44	41	42	40	32	36	45	43	52	37	50	48	50	40	38	49	44	33	32	40	47	50	37	38	44.5	
EUFULA	MAX	83	80	76	78	83	87	71	72	74	74	60	66	60	61	66	75	78	74	75	75	68	69	72	56	61	70	75	75	77	54	59	72.0
	MIN	52	59	61	55	56	55	43	44	47	55	34	39	47	51	66	75	77	68	82	71	66	69	70	63	62	69	73	73	78	50	71.6	
EVERGREEN	MAX	81	77	74	77	84	80	71	72	78	74	66	66	71	73	71	77	74	76	76	69	68	68	69	60	71	72	73	75	67	58	72.3	
	MIN	62	64	62	55	60	54	46	47	54	46	33	39	47	53	44	49	57	58	62	44	43	53	54	42	36	53	55	61	41	34	50.3	
FAIRHOPE	MAX	81	81	83	83	84	69	72	72	76	60	66	76	76	68	75	78	74	75	75	68	69	72	56	61	70	75	75	77	54	59	72.0	
	MIN	61	64	57	58	57	51	48	49	56	39	36	42	53	55	54	55	60	53	43	48	56	45	41	44	59	66	53	40	35	51.3		
FAYETTE	MAX	75	76	80	71	81	81	67	70	74	74	59	67	66	65	68	74	58	58	73	62	64	70	57	50	59	70	58	65	63	48	66.6	
	MIN	57	62	57	52	57	45	32	35	41	37	26	31	45	43	30	33	51	49	52	41</												



# TABLE 6

## DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ALABAMA  
NOVEMBER 194

STATION		DAY OF MONTH																															TOTAL	DEPART- URE FROM NORMA
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP.	.096	.072	.028	.089	.101	.243	.229	.111	.127	.071	.104	.138	.018	.084	.070	.085	.312	.024	.160		.163	.134		.017	.108	.164		.050	.185	.038	3.021		
	WIND	23	17	78	18	86	137	28	15	20	70	43	30	20	26	6	4	30	15	84	63	43	35	30	33	31	22	54	74	16	70	1,221		
FAIRHOPE	EVAP.	.042	.064	.068	.078	.056	.074	.196	.062		.156	.054	.068	.062	.072	.062		.032	.056	.178	.110	.044		.018	.056	.044		.046	.148	.042	1.888			
	WIND	2	5	9	8	25	62	9	7	28	80	18	9	17	6	6	8	14	21	61	67	19	22	52	39	5	28	37	40	113	24	839		

# TABLE 7

## DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	DAY OF MONTH																															HIGHEST (OR CREST)	DATE	LOWEST
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
CHATTACHOOCHIE EUPAULA COLUMBIA	40 42	3.1 6.9	3.1 6.6	3.6 6.7	4.2 7.1	4.5 7.5	6.9 8.2	10.0 12.4	12.0 15.0	10.5 14.5	9.4 13.0	9.1 13.1	7.2 11.2	7.4 10.3	7.0 10.2	4.5 9.6	5.8 8.5	6.0 9.0	6.2 8.4	6.2 9.4	12.9 13.7	16.2 16.7	15.9 20.1	21.2 24.4	28.6 28.2	31.7 32.5	30.1 33.2	34.5 31.6	44.6 39.6	53.4 45.8	55.1 48.5	55.1230 48.4830	3.1 6.6		
CHOCTAWHATCHEE NEWTON GENEVA	19 23	3.5 4.1	3.5 4.2	3.6 -	3.6 4.4	3.6 -	5.1 5.7	5.0 -	5.0 7.7	4.6 6.7	4.9 6.4	4.7 7.3	4.7 7.2	4.2 6.3	4.0 5.8	4.0 5.3	3.9 5.0	3.9 5.1	4.0 5.4	4.2 5.4	9.5 9.7	8.2 13.8	12.1 14.7	14.4 16.1	15.7 19.8	13.8 21.1	10.4 20.3	12.2 18.7	16.0 17.9	18.9 19.8	16.9 21.9	18.9329 21.9030	3.5 4.1		
CONECUR RIVER FALLS BREWTON 3 MI SSE	35 17	- 1.0	- 0.9	1.5 1.2	2.3 1.5	4.1 1.6	8.2 3.4	9.5 6.0	7.1 6.4	11.3 5.8	10.8 6.7	8.4 7.4	6.3 7.3	5.7 6.8	3.6 5.8	4.1 5.5	3.3 3.4	4.7 3.5	3.3 3.6	2.4 4.1	7.4 6.2	8.9 1.7	12.7 8.7	13.9 11.7	16.9 12.8	17.8 13.9	26.2 14.0	35.6 14.9	37.8 16.9	39.4 18.2	41.6 19.5	41.6030 19.5030	0.0 0.9		
COOSA CHILDERSBURG GADSDEN LOCK NO 4, LINCOLN WETUMPKA	20 20 17 45	1.6 1.1 0.1 2.0	1.6 1.2 0.1 5.5	2.0 6.0 3.5 5.7	5.5 6.0 5.2 6.5	4.9 5.2 4.1 5.7	4.4 7.5 4.5 7.7	6.1 8.8 6.6 10.0	6.3 8.7 6.7 7.6	6.0 8.1 6.0 8.3	5.6 6.9 5.5 11.5	5.1 5.8 4.7 11.0	4.6 4.8 3.9 9.4	4.0 4.4 3.2 7.0	3.7 4.3 3.0 5.4	3.6 3.8 2.8 3.9	3.4 3.3 2.4 5.9	3.3 3.5 2.7 7.0	3.9 3.5 3.1 6.6	4.3 5.8 6.3 6.7	11.6 16.1 13.8 17.4	13.6 19.5 15.1 23.5	14.8 20.1 16.0 27.5	16.1 19.0 16.3 -	15.5 19.0 15.0 34.0	13.9 18.8 14.0 33.6	12.2 16.3 13.0 31.6	13.7 15.1 19.1 41.9	15.6 20.2 25.5 45.7	25.6 26.8 25.1 53.6	28.3 28.4 25.1 54.2	28.3030 28.3830 25.5029 54.2230	1.6 1.1 0.1 2.0		
TALLAPOOSA MILSTEAD	40	0.5	5.5	4.9	3.3	0.9	1.7	1.1	0.7	2.9	1.3	1.8	0.9	0.7	0.7	0.8	0.9	1.8	1.3	1.7	9.3	4.4	9.4	11.0	13.1	17.9	12.6	38.8	46.7	46.8	43.3	46.828	0.5		
CAHABA CENTREVILLE MARION JUNCTION	23 36	2.1 2.0	2.1 2.0	2.7 2.3	3.1 2.6	2.9 2.6	3.7 3.0	3.4 3.8	2.1 3.7	2.9 3.2	3.0 3.4	3.0 3.3	3.0 3.2	3.0 3.0	2.7 2.9	2.5 2.8	2.5 2.6	4.0 3.2	4.0 4.2	5.7 8.0	18.0 10.2	12.8 14.4	15.0 18.0	16.8 17.0	13.8 18.6	9.3 19.6	7.2 17.1	22.0 20.3	27.9 24.4	31.6 29.6	28.8 34.6	31.6529 34.6530	2.1 2.0		
ALABAMA MONTGOMERY SELMA MILLERS FERRY	35 45 40	-0.7 2.1 7.0	3.1 0.7 5.7	4.4 1.7 5.4	5.9 4.9 5.8	5.2 6.6 8.8	5.3 6.8 10.8	7.2 7.9 11.5	6.1 9.6 13.2	6.0 8.7 14.0	7.9 8.2 13.4	7.6 9.5 13.2	6.3 9.6 13.9	5.8 8.4 13.7	5.1 7.4 12.9	3.8 6.1 11.8	4.2 5.0 10.6	5.7 5.2 9.8	5.7 7.2 10.4	5.1 8.0 12.8	12.0 11.5 18.9	19.2 18.1 21.2	22.5 24.0 27.0	28.5 28.6 33.3	31.9 33.4 37.9	33.1 35.8 40.1	32.7 37.0 41.5	38.3 41.4 45.2	46.9 47.6 50.9	53.6 51.5 52.9	55.8 53.0 53.8	56.0030 53.0330 53.7530	-0.7 0.7 5.4		
BLACK WARRIOR TUSCALOOSA LK & DAM	47	11.2	11.2	11.7	11.7	11.6	13.0	15.7	15.3	12.9	14.1	13.2	13.0	12.9	12.6	12.4	12.2	17.3	17.7	20.5	45.6	41.0	30.8	29.0	24.8	21.1	18.2	31.2	15.2	63.5	61.7	63.5029	11.2		
TOMBIGBEE GAINESVILLE DEMOPOLIS, LOCK NO 4 LOCK NO 3 LOCK NO 2 LOCK NO 1	36 39 33 46 31	1.8 10.8 9.6 10.7 10.2	1.8 10.8 9.7 10.8 10.9	1.8 10.9 9.7 10.9 10.8	1.9 11.0 9.8 11.2 10.7	2.1 11.3 10.5 11.2 11.0	2.9 12.0 11.3 13.0 10.3	2.8 13.3 12.8 14.9 11.6	3.0 13.7 13.9 14.3 11.5	4.4 13.0 13.0 14.3 9.9	4.7 13.6 12.9 14.3 11.6	4.5 13.3 13.0 13.6 11.7	3.8 13.0 12.8 14.0 11.6	3.7 12.8 12.7 13.6 11.7	3.6 12.6 12.4 13.1 11.3	3.3 12.0 11.7 12.7 11.0	3.1 12.0 11.9 12.7 11.5	4.5 13.4 14.6 19.8 12.2	8.1 14.7 15.5 26.7 14.7	13.1 18.8 19.4 38.4 19.5	22.2 25.0 25.6 33.3 22.6	25.8 33.0 32.9 38.4 22.6	27.9 38.0 38.1 43.2 29.7	28.9 41.0 42.3 45.2 31.3	29.0 42.3 43.9 45.8 32.2	28.9 39.6 44.1 45.3 32.2	28.7 41.7 44.4 47.2 32.8	33.2 46.2 48.5 50.3 36.5	35.8 50.2 51.9 53.9 36.5	41.8 52.1 53.5 54.4 37.3	43.8 52.1 53.5 54.4 37.3	43.8530 52.1030 53.5030 54.4030 37.3029	1.8 10.8 9.6 10.7 9.9		
TENNESSEE FLORENCE	18	10.0	9.9	10.1	10.1	10.1	10.1	9.8	10.1	10.1	10.6	10.4	10.1	10.4	9.7	10.1	9.5	10.1	9.8	10.5	12.0	12.1	12.4	12.9	13.1	13.4	13.5	14.5	16.8	22.3	21.2	22.3029	9.5		

Readings are made at approximately 7 a.m. (local time). They are provisional and subject to correction. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

SEE REFERENCE NOTES FOLLOWING STATION INDEX

## STATION INDEX

ALABAMA  
NOVEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBEVILLE	0008	HENRY	CHATTAHOOCBIE	31 34	85 15		C		MID		5		J. P. MITCHELL	3 4
ADDISON	0063	WINSTON	BLACK WARRIOR	34 13	87 10				MID		8		PALMER GODSEY	3 4
ADDISON CENTRAL TOWER	0071	LAWRENCE	BLACK WARRIOR	34 25	87 19	1500	C		7A		8		U. S. F. S.	
ALBERTA	0140	WILCOX	ALABAMA	32 14	87 25		C		8A		8		SIDNEY J. HARDY, SR.	3
ALBERTVILLE	0148	MARSHALL	TENNESSEE	34 16	86 13	1114	C	6P	6P	23	23		S. H. STRICKLAND	2 3 5
ALEXANDER CITY 6 MI NE	0163	TALLAPOOSA	TALLAPOOSA	32 59	85 52	660	C	8A	8A	6	6		F. E. BLACKBURN	2 3 5
ALICEVILLE	0178	PICKENS	TOMBIGBEE	33 08	88 10		C		7A		9		HOSIE PHILLIPS	3 4
ANDALUSIA	0252	COVINGTON	CONECUH	31 19	86 30	346	C	6P	6P	11	11		WM. M. GARRETT	2 3 5
ANNISTON	0267	CALHOUN	COOSA	33 40	85 50	724	C	6P	6P	58	58		U. S. WEATHER BUREAU	2 3 5
ANNISTON WB AIRPORT	0272	CALHOUN	COOSA	33 35	85 51		C	MID	MID	2	2		U. S. WEATHER BUREAU	2 3 4 5
ARLEY	0338	WINSTON	BLACK WARRIOR	34 04	87 13		C		7A		11		MRS. LESSIE HILLER	3
ASBLAND	0369	CLAY	TALLAPOOSA	33 16	85 50		C		MID		8		HENRY L. MC QUEEN	3 4
ASHVILLE	0377	ST. CLAIR	COOSA	33 50	86 16	880	C		8A		33		MRS. B. C. BANKS	3
ATHENS	0390	LIMESTONE	TENNESSEE	34 48	86 59	709	C		7A		8		TVA-62	3
ATMORE STATE FARM	0402	ESCAMBIA	ESCAMBIA	31 10	87 29		C	6P	6P	5	5		ATMORE STATE FARM	2 3 4 5
AUBURN	0422	LEE	TALLAPOOSA	32 36	85 30	732	C	8A	8A	57	71	2	MRS. MARTHA I. MOORE	2 3 5 6
AUBURN 4 MILES N	0427	LEE	TALLAPOOSA	32 40	85 29		C		MID		5		SCS	
AUTAGAVILLE	0440	AUTAUGA	ALABAMA	32 26	86 39		C		8A		8		J. B. NEIGHBORS	3
BAY MINETTE	0583	BALDWIN	GULF	30 53	87 47	268	C	7P	7P	24	30		GROVER W. WOODWARD	3 5
BEATRICE	0616	MONROE	ALABAMA	31 44	87 13		C		7A		7		W. P. DUNN	2 3
BELGREEN	0631	FRANKLIN	TENNESSEE	34 28	87 52	910	C		MID		13		TVA-43	3 4
BERRY	0748	FAYETTE	BLACK WARRIOR	33 40	87 36		C		MID		8		MISS. CLARA R. OLIVE	3 4
BEKAR 2 MILES SE	0790	MARION	TOMBIGBEE	34 12	88 09		C		MID		3		WM. H. WHITEHEAD	3 4
BILLINGSLEY	0823	AUTAUGA	ALABAMA	32 39	86 43		C		7A		10		MRS. T. L. GALLMAN	3
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	BLACK WARRIOR	33 34	86 45	610	C	MID	MID	11	11		U. S. WEATHER BUREAU	2 3 4 5
BIRMINGHAM WB CITY	0836	JEFFERSON	BLACK WARRIOR	33 32	86 50	694	C	8A	8A	61	61		MRS. CARRIE B. HORTON	2 3 5
BISHOP	0854	COLBERT	TENNESSEE	34 39	88 05	470	C		7A		11		TVA-42	3
BOAZ	957	MARSHALL	BLACK WARRIOR	34 13	86 10		C		7A		8		MILFORD H. DOOLEY	3 4
BRANTLEY	1069	CRENSHAW	CONECUH	31 35	86 16	284	C		8A		19		R. E. BENDERSON	3
BRENTON 3 MILES SSE	1084	ESCAMBIA	CONECUH	31 04	87 03	85	C	6P	6A	31	34		MRS. CLARA T. PEAVY	2 3 5 7
BRIDGEPORT	1099	JACKSON	TENNESSEE	34 57	85 43	660	C		8A		53		N. R. ATKINS	3
BRUNDTGE	1178	PIKE	CHOCTAWHATCHEE	31 43	85 49	515	C		8A		19		GEO. L. HICKS	3
CALERA	1288	SBELBY	COOSA	33 06	86 45	500	C		8A		49		L & N R.R. AGENT	3
CAMPBELL	1315	CLARKE	TOMBIGBEE	31 55	87 59		C		MID		8		E. DOUGLAS REID	3 4
CARBON BILL	1377	WALKER	BLACK WARRIOR	33 54	87 32	430	C		7A		10		MISS. MARY C. RAY	3
CENTER GROVE	1492	MORGAN	TENNESSEE	34 23	86 38	700	C		7A		14		TVA	3
CENTREVILLE	1520	BIBB	CAHABA	32 57	87 08	230	C	6P	8A	32	32		W. D. HOLLIFIELD	2 3 5 7
CHILDERSBURG	1615	TALLADEGA	COOSA	33 17	86 21	540	C		6A		12		ALABAMA POWER CO.	3 7
CITRONELLE	1685	MOBILE	GULF	31 05	88 14	331	C	6P	6P	60	61		B. O. JONES	2 3 5
CLANTON	1694	CHILTON	COOSA	32 51	86 38	590	C	6P	7A	56	56		BUGH M. SIMPSON	2 3 5
CLAYTON	1725	BARBOUR	CHOCTAWHATCHEE	31 52	85 27	590	C		8A		21		L. L. REEDER	3
COFFEE SPRINGS	1807	GENEVA	CHOCTAWHATCHEE	31 10	85 55	255	C		8A		26		C. B. ADKISON	3
COLLINSVILLE	1849	DE KALB	COOSA	34 15	85 52	734	C		7A		11		MRS. S. CUNNINGHAM	3
COLUMBIA	1865	HOUSTON	CHATTANOOCHEE	31 18	85 06	130	C		8A		13		COY THOMPSON	3 7
CORDOVA	1940	WALKER	BLACK WARRIOR	33 46	87 11	334	C	8A	8A	28	46		MRS. C. GRESHAM	2 3 5
CUBA	2079	SUMTER	TOMBIGBEE	32 26	88 23	215	C		8A		9		REUBEN P. HARRIS	3
DADEVILLE	2119	TALLAPOOSA	TALLAPOOSA	32 50	85 45	760	C		8A		36		DR. W. B. FULTON	3
DADEVILLE NO 2	2124	TALLAPOOSA	TALLAPOOSA	32 50	85 46		C		MID		8		JAY D. LANE	3 4
DANCY	2141	PICKENS	TOMBIGBEE	33 01	88 17	208	C		7P		43		E. F. SMITH	3
DAYTON	2188	MARENGO	TOMBIGBEE	32 21	87 39		C	6P	6P	1	9		JAMES M. CREWS	2 3 5
DECATUR	2207	MORGAN	TENNESSEE	34 37	86 58	573	C	6P	8A	67	70		MRS. FRED A. TRIMBLE	2 3 5
DEMOPOLIS	2240	MARENGO	TOMBIGBEE	32 31	87 51	100	C		7A		59		J. A. ROBERTSON	3 7
DOTRAN CAA AIRPORT	2372	HOUSTON	CHOCTAWHATCHEE	31 15	85 27	322	C	MID	MID	11	31		CAA	2 3 4 5
ELBA	2577	COFFEE	PEA	31 25	86 04	204	C		8A		21		DOZIER B. ROBERTS	3
ELROD	2632	TUSCALOOSA	TOMBIGBEE	33 15	87 48		C		7A		9		K. V. BERRY	3
EUFULA	2727	BARBOUR	CHATTANOOCHEE	31 53	85 08	254	C	6P	8A	65	65		HARRY E. MAUGANS	2 3 5 7
EUTAW LOCK NO 7	2742	GREENE	BLACK WARRIOR	32 47	87 50		C		7A		12		E. B. BOLBROOK	3 4
EVERGREEN	2758	CONECUH	CONECUH	31 26	86 58	340	C	6P	8A	65	65		MRS. JESSIE D. GOLSON	2 3 5
FAIRHOPE	2813	BALDWIN	GULF	30 32	87 55	23	C	MID	6P	31	31	31	HAROLD F. YATES	2 3 5 6
FALKVILLE	2840	MORGAN	TENNESSEE	34 22	86 55	620	C		7A		10		TVA-384	3
FALLS CITY 6 MILES NW	2848	WINSTON	BLACK WARRIOR	34 04	87 20	650	C		7A		8		USFS	3
FAYETTE	2883	FAYETTE	TOMBIGBEE	33 41	87 50	359	C	8A	8A	14	23		WM. M. RILEY	2 3 5
FLAT ROCK	2945	JACKSON	TENNESSEE	34 46	85 41	1380	C		7A		10		TVA-387	3 4
FLORENCE AT LOCK	2976	LAUDERDALE	TENNESSEE	34 47	87 40	450	C		7A		65		U. S. ENGINEERS	3 7
PORT DEPOSIT	3024	LOWNDES	CONECUH	31 59	86 35	520	C		7A		49		MRS. ISABEL C. HUGHES	3
PORT MORGAN	3035	BALDWIN	GULF	30 14	88 01		C	8A	MID		8		WM. H. CHANDLER	2 3 4 5
PORT PAYNE	3043	DE KALB	COOSA	34 26	85 43	879	C		8A		7		JOHN W. PATE	3 4
PRISCO CITY	3105	MONROE	ESCAMBIA	31 26	87 24		C		8A		19		MRS. NELIA MC KENZIE	3
GADSDEN	3151	ETOWAH	COOSA	34 01	86 00	554	C	7P	8A	63	65		G. ERNEST BOLCOMB	2 3 5 7
GAINESVILLE	3160	SUMTER	TOMBIGBEE	32 49	88 09	130	C		7A		12		FRANK J. FIELDS	3 7
GARDEN CITY	3200	CULLMAN	BLACK WARRIOR	34 00	86 44		C		7A		8		MRS. G. MC KENZIE	3 4
GENEVA	3255	GENEVA	CHOCTAWHATCHEE	31 02	85 52	107	C	6P	7A	11	24		REBECCA CAMPBELL	2 3 5 7
GOODWATER	3399	COOSA	COOSA	33 04	86 03	826	C	6P	8A	56	56		MRS. W. M. SELMAN	2 3 5
GORGAS	3430	WALKER	BLACK WARRIOR	33 39	87 13	300	C		6A		12		ALABAMA POWER CO.	3
GREENSBORO	3511	HALE	BLACK WARRIOR	32 42	87 36	220	C	5P	8A	70	81		MRS. C. POELLNITZ	2 3 5
GREENVILLE	3519	BUTLER	CONECUH	31 50	86 38	444	C	6P	8A	67	50		CECILE T. LEWIS	2 3 5
GREENVILLE NO 2	3524	BUTLER	CONECUH	31 50	86 38		C		MID		8		CITY WATER PLANT	3 4
GULF SHORES 2 MI SSE	3559	BALDWIN	GULF	30 16	87 40	10	C		8A				MRS. G. M. MC LEOD	3
GUNTERSVILLE	3573	MARSHALL	TENNESSEE	34 21	86 18	640	C		8A		48		L. S. LONG	3
GUNTERSVILLE CTY WTR	3578	MARSHALL	TENNESSEE	34 22	86 17	610	C		MID		6		TVA-403	3 4
GUNTERSVILLE DAM	3583	MARSHALL	TENNESSEE	34 26	86 24	611	C		7A		13		TVA-70	3
HALEYVILLE	3620	WINSTON	BLACK WARRIOR	34 14	87 38	947	C	6P	7A	12	12		ELMER L. SRIPMAN	2 3 4 5
HAMILTON	3644	MARION	TOMBIGBEE	34 08	87 59	498	C		6A		33		REX COOPER	3
HARRISBURG 6 MILES SE	3697	PERRY	CAHABA	32 48	87 11	600	C		8A		8		USFS	3
HAYNEVILLE	3748	LOWNDES	ALABAMA	32 11	86 35		C		8A		10		MAXINE E. WATSON	3
BELENA	3783	SBELBY	CAHABA	33 18	86 51	416	C		8A		36		RUDOLPH ENGLAND	3
BIGHLAND HOME	3816	CRENSHAW	CONECUH	31 57	86 19	594	C	5P	5P	57	57		LUKE JORDAN	2 3 5



## STATION INDEX - Continued

ALABAMA  
NOVEMBER 1941

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
HIGHTOWER	3842	CLEBURNE	TALLAPOOSA	33 32	85 24		C		8A		5		MRS. EARL LINDSEY	3
HODGES	3899	FRANKLIN	TOMBIGBEE	34 20	87 56		C		6A		11		FRANK L. HAYNES	3
HUNTSVILLE	4068	MADISON	TENNESSEE	34 42	86 35	610	C	MID	MID	10	25		U. S. WEATHER BUREAU	2 3 4 5
BYTOP	4099	JACKSON	TENNESSEE	34 54	86 05	1500	C		7A		14		TVA-78	3
JACKSON SBOALS	4198	TALLADEGA	COOSA	33 32	86 12	475	C		8A		12		ALABAMA POWER CO.	3
JACKSONVILLE	4209	CALHOUN	COOSA	33 49	85 45		C		MID		6		FLOY E. OWEN	3 4
JORDAN DAM	4306	ELMORE	COOSA	32 37	86 15	290	C		6A		12		ALABAMA POWER CO.	3
LA FAYETTE	4502	CHAMBERS	TALLAPOOSA	32 54	85 24	830	C	8A	8A				JOSEPH M. BRISCOE	2 3 5
LAY DAM	4603	COOSA	COOSA	32 58	86 31	420	C		6A		12		ALABAMA POWER CO.	3 4
LEEDS	4619	JEFFERSON	CAHABA	33 33	86 33	636	C		8A		32		MRS. MARY K. LEE	3
LEESBURG	4627	CBEROKEE	COOSA	34 11	85 46	589	C		7A		56		RUFUS M. SEWELL	3
LIVINGSTON	4798	SUMTER	TOMBIGBEE	32 35	86 11	160	C	6P	6P	50	46		PROF. E. J. MURPHEY	2 3 5
LOCKHART	4822	COVINGTON	GULF	31 01	86 22	290	C	8A	8A	11	11		B. C. YOUNG	2 3 5
LOCK NO 1	4830	CLARKE	TOMBIGBEE	31 33	88 01	11	C		7A		25		U. S. ENGINEERS	3 4 7
LOCK NO 2	4835	CHOCTAW	TOMBIGBEE	32 08	88 02	23	C		7A		25		U. S. ENGINEERS	3 7
LOCK NO 3	4840	CHOCTAW	TOMBIGBEE	32 17	88 01	33	C		7A		25		U. S. ENGINEERS	3 7
LOCK NO 4	4845	TALLADEGA	COOSA	33 38	86 11	510	C	5P	7A	53	57		U. S. ENGINEERS	2 3 5 7
LOCK NO 17	4855	TUSCALOOSA	BLACK WARRIOR	33 29	87 20	280	C		7A		10		U. S. ENGINEERS	3
MADISON	4976	MADISON	TENNESSEE	34 42	86 45	573	C	6P	6P	55	55		HARRY F. CARTER	2 3 5
MAGELLA	4996	JEFFERSON	CAHABA	33 30	86 51	654	C		6A		12		ALABAMA POWER CO.	3
MAGNOLIA	5004	MARENGO	ALABAMA	32 08	87 39		C		MID		6		DR. T. H. GAILLARD	3 4
MARION 1 MILE SSE	5108	PERRY	CAHABA	32 37	87 18	263	C		8A		57		O. MYRON BOLIFIELD	3 4
MARION JUNCTION	5116	DALLAS	CAHABA	32 26	87 14	204	C		8A		11		MRS. MARGARET SMITH	3 7
MARTIN DAM	5140	TALLAPOOSA	TALLAPOOSA	32 40	85 55	340	C		6A		24		ALABAMA POWER CO.	3
MAXWELL FIELD	5202	MONTGOMERY	ALABAMA	32 25	86 25	165	C	MID	MID	15	15		U.S. ARMY AIR FORCES	2 3 5
MELVIN	5354	CHOCTAW	TOMBIGBEE	31 56	88 27		C		7A		8		JORN R. LAND	3
MERTZ 3 MILES E	5382	BIBB	CAHABA	32 53	87 20	600	C		8A		8		USFS	3
MIDWAY	5397	BULLOCK	CHATTAAHOOCHEE	32 04	85 32		C		MID		8		MATHEW W. HALL	3 4
MILLERS FERRY	5417	WILCOX	ALABAMA	32 06	87 22	78	C		8A		18		NORMAN D. WILLIAMS	3 7
MILLRY	5427	WASHINGTON	TOMBIGBEE	31 38	88 19	362	C	6P	6P		24		MARDIS M. BLOUNT	2 3 5
MILSTEAD	5439	MACON	TALLAPOOSA	32 27	85 54	206	C		8A		48		T. C. CARR	3 7
MITCHELL DAM	5465	CRILTON	COOSA	32 48	86 27	350	C		6A		12		ALABAMA POWER CO.	3
MOBILE WB AIRPORT	5478	MOBILE	GULF	30 41	88 12		C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MOBILE WB CITY	5483	MOBILE	GULF	30 42	88 02	10	C	MID	MID	77	78		U. S. WEATHER BUREAU	2 3 4 5
MONTE SANO	5529	MADISON	TENNESSEE	34 45	86 31	1650	C		7A		9		TVA-530	3
MONTEVALLO	5537	SHELBY	CAHABA	33 06	86 53	462	C		8A		8		M. P. JETER	3
MONTGOMERY WB AIRPORT	5550	MONTGOMERY	ALABAMA	32 18	86 23	198	C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MONTGOMERY WB CITY	5555	MONTGOMERY	ALABAMA	32 23	86 18	201	C	MID	MID	77	77		U. S. WEATHER BUREAU	2 3 4 5 7
MOULTON	5625	LAWRENCE	TENNESSEE	34 29	87 17	630	C		MID		10		TVA-381	3 4
MOUNDEVILLE	5633	HALE	TOMBIGBEE	32 57	88 27		C						USFS	
MUSCLE SROALS	5749	COLBERT	TENNESSEE	34 44	87 36	540	C	MID	MID	59	65		CAA	2 3 5
NEW BROCKTON	5842	COFFEE	CHOCTAWHATCHEE	31 23	85 56		C		MID		8		E. EARL BOYETT	3 4
NEW MARKET	5862	MADISON	TENNESSEE	34 54	86 26	725	C		7A		6		TVA-624	3
NEWTON	5875	DALE	CHOCTAWHATCHEE	31 20	85 37	216	C		10A		33		FURN WYNN	3 7
ONEONTA	6121	BLOUNT	BLACK WARRIOR	33 57	86 30	857	C	6P	7A	38	47		L. E. SELLERS	2 3
ORRVILLE	6161	DALLAS	ALABAMA	32 18	87 14	200	C		8A		8		EDWARD B. WARREN	3
OZARK	6218	DALE	CHOCTAWHATCHEE	31 23	85 39	400	C	4P	7A	47	59		MRS. MARY E. SCOTT	2 3 5
PAINT ROCK	6226	JACKSON	TENNESSEE	34 40	86 20	610	C		MID		13		TVA-69	3 4
PALMERDALE	6246	JEFFERSON	CAHABA	33 44	86 39		C		10A		1		ROBERT P. STORES	3
PERRYVILLE	6362	PERRY	CAHABA	32 37	87 08		C		8A		7		MRS. GERTRUDE GREEN	3
PETERMAN	6370	MONROE	ALABAMA	31 35	87 16		C		MID		8		MRS. MINTA EDDINS	3 4
PICKENSVILLE	6414	PICKENS	TOMBIGBEE	33 13	88 16		C		7A		8		MRS. DORA I. CLAY	3
PINE HILL	6460	WILCOX	ALABAMA	31 59	87 36	110	C		8A		8		AUBREY T. WEATHERLY	3
PINE LEVEL	6468	MONTGOMERY	CONECUH	32 04	86 04		C		7A		9		C. W. ADAMS	3
PLANTERSVILLE	6508	DALLAS	ALABAMA	32 39	86 56		C		8A		9		O. W. BURNES	3
PLEASANT HILL	6526	DALLAS	ALABAMA	32 09	86 58		C		MID		4		CHARLES M. HENRY	3 4
PRATTVILLE	6640	AUTAUGA	ALABAMA	32 28	86 28	281	C	6P	6P	50	47		A. L. POWELL	2 3 5
PRIMROSE FARM	6684	MONTGOMERY	ALABAMA	32 20	86 15	180	C		8A		28		W. E. ELSEBERRY	3
PUSHMATAHA	6719	CHOCTAW	TOMBIGBEE	32 12	88 21		C	6P	6P	58	58		MRS. JANIE C. BROWN	2 3 5
REFORM	6847	PICKENS	TOMBIGBEE	33 23	88 01		C		7A		11		W. M. MC DONALD	3
RIVER FALLS	6937	COVINGTON	CONECUH	31 21	86 32		C		8A		21		JOHN R. BRADLEY	3 7
RIVER FALLS 2 MILES NE	6942	COVINGTON	CONECUH	31 23	86 33		C		MID		5		ALABAMA ELECTRIC CO.	3 4
ROBERTSDALE 7 MILES E	6988	BALDWIN	GULF	30 33	87 48	148	C	6P	6P	19	37		CARL BOSECK	2 3 5
ROCK MILLS	7025	RANDOLPH	CHATTAAHOOCHEE	33 09	85 18	745	C	5P	7A	14	18		JAMES B. BAILEY	2 3 5
SAINT BERNARD	7157	CULLMAN	BLACK WARRIOR	34 12	86 47	802	C	6P	7A	42	42		FR. FREDERICK SMITH	2 3 5
SAYRE	7282	JEFFERSON	BLACK WARRIOR	33 43	86 58	304	C		7A		11		DORA R. WEBSTER	3
SCOTTSBORO	7304	JACKSON	TENNESSEE	34 41	86 02	652	C	6P	7A	66	67		MRS. KINZIE BOBO	2 3 5
SEALE 7 MILES WNW	7328	RUSSELL	CHATTAAHOOCHEE	32 18	85 17	358	C		8A		24		B. G. BUSH	3
SELMA	7366-	DALLAS	ALABAMA	32 25	87 00	147	C	6P	8A	69	69		JOHN O. RHODES	2 3 5 7
SHEFFIELD TVA NRSY	7415	COLBERT	TENNESSEE	34 46	87 42	505	C		7A		14		TVA-49	3
SLOCUMB	7576	GENEVA	CHOCTAWHATCHEE	31 06	85 35		C		6A		1		PATRICK H. SMITH	3
SNOW RILL	7620	WILCOX	ALABAMA	32 00	87 01	225	C		7A		11		MRS. EVA R. RAY	3
SOUTH RILL	7671	DE KALB	TENNESSEE	34 24	86 02	990	C		7A		13		TVA-75	3
SPRING HILL	7733	MOBILE	GULF	30 42	88 10	175	C	9A	9A	36	37		HAMLIN H. TIPPINS	2 3 5
SWAIM	7968	JACKSON	TENNESSEE	34 53	86 13	665	C		7A		10		TVA-385	3
SYLACAUGA	7994	TALLADEGA	COOSA	33 10	86 13	548	C		8A		13		ALABAMA POWER CO.	3
SYLVANIA	8012	DE KALB	TENNESSEE	34 34	85 49	1400	C		7A		10		TVA-386	3
TALLADEGA	8024	TALLADEGA	COOSA	33 26	86 06	554	C	6P	6P	59	60		C. D. WEAVER	2 3 5
THOMASVILLE	8178	CLARKE	TOMBIGBEE	31 55	87 45	385	C	6P	7A	57	58		MRS. MINNIE DEATON	2 3 5
THORSBY 1 MILE SW	*204	CHILTON	ALABAMA	32 54	86 44		C		MID		5		SCS	3 4
THURLLOW DAM	8215	ELMORE	TALLAPOOSA	32 32	85 54	288	C		6A		12		ALABAMA POWER CO.	3
TIBBIE	8223	WASHINGTON	TOMBIGBEE	31 22	88 15	226	C		8A		9		MISS. DOROTHY TAYLOR	3
TONEY	8259	MADISON	TENNESSEE	34 54	86 44	750	C		MID		7		TVA-506	3 4
TRAFFORD	8285	JEFFERSON	BLACK WARRIOR	33 49	86 44		C		7A		7		MRS. M. JOHNSON	3 4
TROY	8323	PIKE	PEA	31 49	85 58	590	C	8A	8A	41	53		THOMAS J. DILLARD	2 3 4 5
TUSCALOOSA AIRPORT	8380	TUSCALOOSA	BLACK WARRIOR	33 14	87 37	170	C	MID	MID	68	70		CAA	2 3 4 5
TUSCALOOSA LOCK & DAM	8385	TUSCALOOSA	BLACK WARRIOR	33 13	87 35	152	C		7A		22		U. S. ENGINEERS	3 7



# STATION INDEX — Continued

ALABAMA  
NOVEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. O /	LONG. O /	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
TUSKEGEE	8398	MACON	TALLAPOOSA	32 24	85 42	459	C	5P	5P	50	50		W. T. THOMPSON	2 3 5
UNION SPRINGS	8438	BULLOCK	CONECUH	32 08	85 44	485	C	6P	8A	62	82		MRS. DOROTHY SMITH	2 3 5
UNIONTOWN	8446	PERRY	ALABAMA	32 27	87 31	273	C		8A		40		MISS. MARY MARTIN	3
UNIVERSITY	8454	TUSCALOOSA	BLACK WARRIOR	33 12	87 33	225	C	MID	MID	68	70		DR. F. H. MITCHELL	2 3 5
VALLEY HEAD	8469	DE KALB	COOSA	34 34	85 36	1031	C	6P	8A	64	64		MRS. CARRIE DALBY	2 3 5
VANCE	8477	TUSCALOOSA	CAHABA	33 10	87 13		C		7A		8		WM. F. VANCE	3
VERNON	8517	LAMAR	TOMBIGBEE	33 45	88 07	180	C		MID		8		G. C. MOORE, JR.	3 4
WADLEY	8605	RANDOLPH	TALLAPOOSA	33 08	85 34	640	C		6A		15		ALABAMA POWER CO.	3
WALLACE	8637	ESCAMBA	CONECUH	31 12	87 14		C		8A		8		MRS. RUBY SOWELL	3
WALNUT GROVE	8648	ETOWAH	BLACK WARRIOR	34 04	86 19	850	C		7A		7		MRS. FLORENCE PARKER	3
WATERLOO	8686	LAUDERDALE	TENNESSEE	34 55	88 04	445	C		7A		52		HORACE E. PYBURN	3
WEST BLOCTON	8809	BIBB	CAHABA	33 07	87 07		C		8A		8		RUPERT M. BEARDEN	3
WETUMPKA	8859	ELMORE	COOSA	32 32	86 12	205	C	6P	6A	53	57		MRS. D. R. WHITAKER	2 3 5 7
WHEATLEY	8867	CLARKE	TOMBIGBEE	31 39	87 43		C		7A		9		LEONARD L. COLEMAN	3
WHEELER DAM	8875	LAWRENCE	TENNESSEE	34 47	87 21	580	C		7A		13		TVA-52	3
WINFIELD 2 MILES SW	8998	FAYETTE	TOMBIGBEE	33 56	87 49	468	C		7A		15		W. W. COTNEY	3
YATES HYDRO PLANT	9103	ELMORE	TALLAPOOSA	32 34	85 54	335	C		6A		58		ALABAMA POWER CO.	3

## REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.

+ And also on later dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

6 Precipitation measured at 6-hourly intervals, no recording gage.

B Adjusted to a full month.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record.

R Station equipped with recording gage only. All amounts in Table 3 are for non-recording gages, except for stations with this reference.

T Trace, an amount too small to measure.

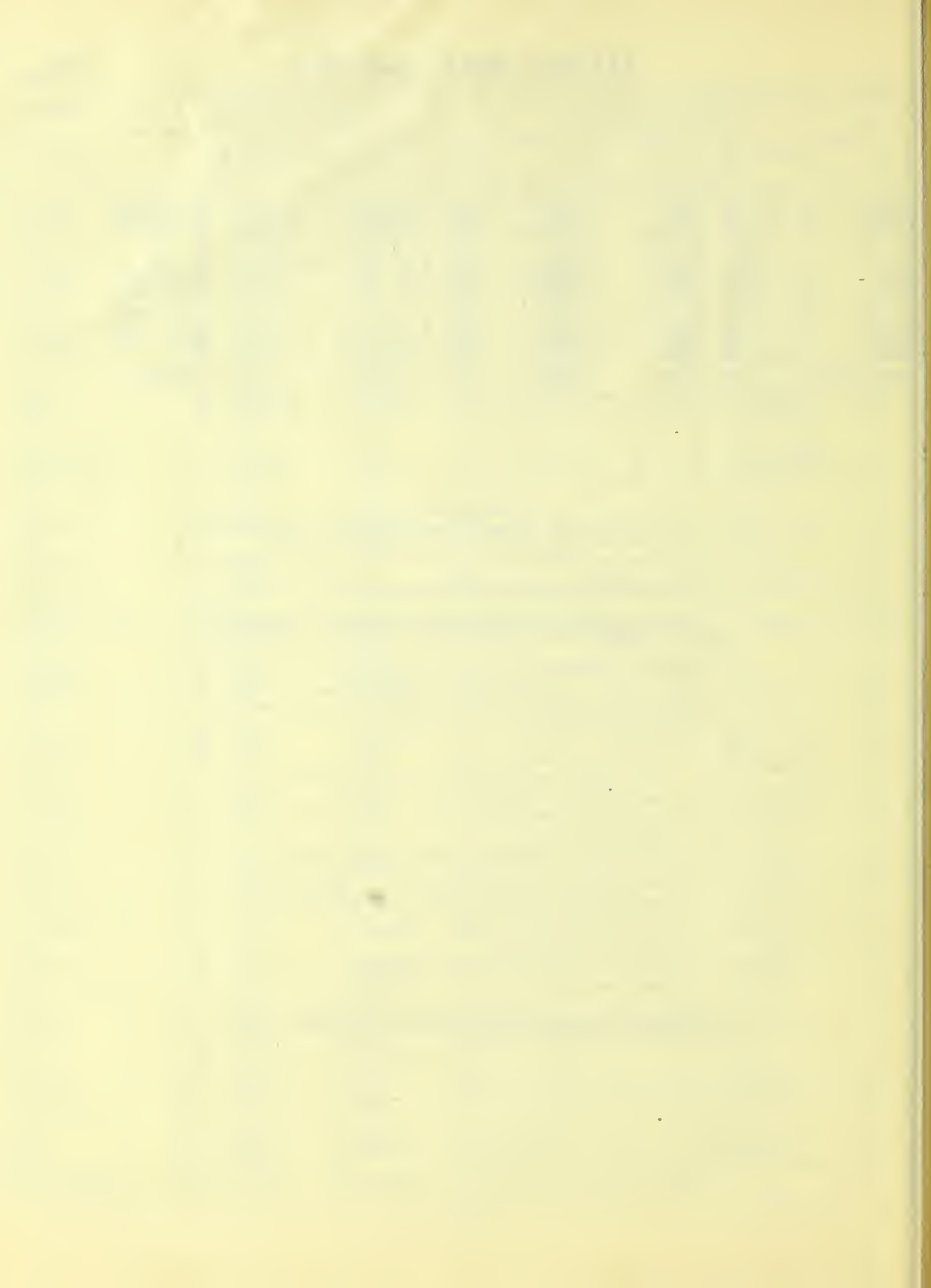
V Includes total for previous month.

X Observation time is 1:30 A E.S.T. of the following day.

Z Hourly amounts from recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy; \$1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 430 Post Office Building, Chattanooga 2, Tennessee.

W. B. O., Washington, D.C. - - - 1/10/49 - - - 1280



U. S. DEPARTMENT OF COMMERCE  
CHARLES SAWYER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

ALABAMA

DECEMBER 1948

Volume LIV No. 12





E. D. Emigh, Section Director - Montgomery

## General Summary

Rainfall averaged somewhat less than normal, but there were slightly more days with measurable rain than usual. Distribution over the State was fairly even.

Temperatures most of the time were rather mild, and the first killing frost or freeze of the fall season did not occur over the Southern Division and much of the Middle Division until the morning of the 26th. Morning minimums below 32 degrees were again general on the 31st.

With excess moisture carried over from November, fields remained rather wet throughout the month. Oats, cover crops, winter pasture grasses and legumes, and winter garden stuff, made steady growth and continued in unusually good condition. Under the influence of higher than normal temperatures, wild pasture stubble in the south maintained enough growth to furnish some grazing, and cattle and other livestock also continued in very good shape.

The major rivers were still flooded at the beginning of the month as a result of heavy rains late in November, but there were no subsequent rises of importance.

Two minor earth tremors, about 5 seconds apart, were felt at Dadeville, in Tallapoosa County, at 4:45 a.m., on the 29th.

No severe local storms were reported.

FCP

## TEMPERATURE

The monthly mean temperature for the State, determined from the records of 56 stations, was 51.2°, or 3.5° above the normal. The highest local monthly mean was 59.5° at Fort Morgan; the lowest was 44.2° at Madison. The highest temperature recorded was 82° at Eufaula on the 17th; the lowest was 12° at Valley Head on the 26th, making the monthly range for the State 70°.

## PRECIPITATION

The monthly average for the State, determined from the records of 58 stations, was 4.53 inches, or 0.75 inch less than the normal. The greatest monthly amount was 9.09 inches at Elba; the least was 2.33 inches at Peterman. The greatest amount of precipitation in any observational day was 3.99 inches at Columbia measured on the morning of the 8th. Precipitation amounting to 0.01 inch or more fell on an average of 10 days.

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 ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to co-operating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the co-operation of various public offices, private agencies, and individuals as listed in the Station Index.

# PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA  
DECEMBER 1948

Station	Sea level pressure extremes— inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 a. E. S. T.	Percent of possible	
ANNISTON WB AIRPORT	30.51	26	29.70	19	-	-	-	-	87	89	70	80	-	523
BIRMINGHAM WB AIRPORT	30.60	26	29.72	19	8.8	31	SE	29	80	85	66	74	35	503
MOBILE WB CITY	30.55†	26	29.79†	19	10.6	34	N	25	89†	89†	69†	83†	42	242
MONTGOMERY WB CITY	30.59†	26	29.73†	19	7.1	21	N	25	85†	90†	65†	76†	47	358
† AIRPORT DATA														

## COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation						
	Average	Highest	Lowest	Average		No. of days .01 or more		Average	Highest	Lowest	Average		No. of days .01 or more		Average	Highest	Lowest	Average		No. of days .01 or more				
1884	47.9	80	6	5.09		10	1909	41.3	82	6	5.27		9	1934	46.7	80	10	3.41		9				
1885	44.2	74	12	3.36		6	1910	42.9	75	10	3.51		7	1935	41.2	78	7	4.24		6				
1886	43.8	76	0	3.07		7	1911	50.5	82	14	7.65		11	1936	50.3	80	18	7.09		11				
1887	45.7	73	10	8.65		12	1912	47.7	82	14	8.52		12	1937	47.0	76	4	2.72		8				
1888	46.1	71	13	2.84		8	1913	47.9	84	15	3.35		8	1938	47.8	79	14	2.64		8				
1889	58.5	82	20	1.04		3	1914	43.5	80	0	5.09		10	1939	49.7	85	15	3.29		7				
1890	49.8	91	17	2.33		5	1915	46.8	79	14	6.21		9	1940	52.0	80	18	6.30		12				
1891	49.7	86	12	4.91		8	1916	47.7	81	12	4.42		10	1941	50.4	81	19	7.32		8				
1892	47.2	78	8	4.55		9	1917	40.4	79	4	1.75		6	1942	49.5	82	15	8.12		11				
1893	49.9	86	14	3.26		6	1918	50.6	82	16	5.92		7	1943	47.3	83	9	3.50		8				
1894	48.9	81	0	4.67		9	1919	47.8	81	12	7.30		7	1944	46.5	78	12	3.76		9				
1895	46.0	88	8	3.79		6	1920	45.4	76	15	7.81		10	1945	42.1	77	6	6.50		12				
1896	48.6	83	12	1.67		4	1921	51.5	82	21	3.43		7	1946	52.1	84	20	2.74		6				
1897	48.2	82	19	5.76		10	1922	54.5	84	20	7.41		12	1947	49.1	80	17	4.77		9				
1898	44.5	78	8	3.57		6	1923	54.7	83	22	5.40		11	1948	51.2	82	12	4.53						
1899	45.3	79	12	5.79		9	1924	48.6	87	11	7.11		10	Period	47.8	87	-4	4.90						
1900	47.2	78	20	4.82		8	1925	45.2	81	3	3.61		7											
1901	42.1	78	0	7.81		10	1926	52.0	87	15	5.92		10											
1902	45.7	78	8	5.79		8	1927	47.1	82	10	8.20		10											
1903	41.2	71	11	3.04		6	1928	46.7	78	15	2.16		5											
1904	47.1	83	15	4.33		8	1929	45.6	81	-4	3.72		7											
1905	44.1	75	14	6.57		10	1930	43.8	75	18	2.84		8											
1906	50.7	83	10	4.11		8	1931	55.8	83	25	8.93		14											
1907	46.8	77	12	6.27		10	1932	50.6	80	12	8.86		15											
1908	51.0	84	18	4.77		8	1933	58.6	85	15	3.22		7											

SEE REFERENCE NOTES FOLLOWING STATION INDEX



## CLIMATOLOGICAL DATA

ALABAMA  
DECEMBER 1944

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	Ol or more	25 or more	100 or more
NORTHERN DIVISION																		
ANNISTON	49.4	4.2	72	13+	22	26		9	6.11	- 1.05	2.20	29	T			13	7	1
BIRMINGHAM WB AIRPORT	48.8	4.7	72	15	20	26		9	4.28	- 0.86	1.01	25	T			11	6	1
BIRMINGHAM WB CITY	49.8	3.4	72	16	21	28		8	4.79	- 0.35	1.04	17+	T	T	31	11	7	2
CORDOVA	49.3	4.3	73	18	20	26		9	5.62	0.05	1.23	16				8	7	2
DECATUR	46.0	0.5	71	14+	18	26		10	3.92	- 1.12	0.89	6	T	T	25+	12	6	
PAYETTE	47.4	-	75	16	21	26+		15	6.02	- 1.05	1.98	16				10	7	1
GADSDEN	45.4	0.9	68	15	16	28		13	3.93	- 1.57	0.84	25	T			14	7	
GOODWATER	49.4	3.1	71	23	20	26		8	3.91	- 1.48	0.70	25				16	6	
HALEYVILLE	45.6	-	71	16	19	28		12	3.92	-	0.80	16				9	6	
HUNTSVILLE	46.1	-	70	15	18	26		11	4.41	- 1.00	0.91	5	T	T	30	12	6	
LOCK NO 4	46.7	1.3	70	16+	20	26		11	4.01	- 1.80	1.10	25				11	5	1
MADISON	44.2	0.8	71	18	14	26		18	3.90	- 1.46	0.91	8	T			12	5	
ONEONTA	48.4	3.1	69	14+	18	27		13	4.10	- 1.52	0.99	25				8	6	
ROCK MILLS	48.5	-	75	15	21	26		13	4.32	- 1.03	1.30	30				12	7	1
SAINT BERNARD	-	-	70	16					4.58	- 0.95	0.82	16				10	7	
SCOTTSBORO	46.4M	2.9	68	15+	19	28		12	6.03	0.56	1.80	18				11	8	1
TALLADEGA	48.2	1.9	74	23	20	26		12	5.58	0.28	1.61	17				10	8	1
TUSCALOOSA AIRPORT	50.2	3.8	76	15	23	28		10	5.28	- 0.53	1.71	16				11	5	2
UNIVERSITY	49.9M	3.5	74	15	23	26		8	4.44	- 1.35	1.40	16				8	5	2
VALLEY HEAD	45.0M	2.5	68	14+	12	26			3.38	- 1.79	0.73	19				8	5	
DIVISION	47.5								4.63									
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE	48.6	-	72	14+	20	26		12	4.76	-	1.25	30				12	7	1
AUBURN	51.0	1.9	77	17	22	26		7	3.79	- 1.81	0.90	18				11	6	
CENTREVILLE	50.8M	3.1	74	15+	27	26		9	4.66	- 0.89	0.80	29				10	8	
CLANTON	49.4	3.0	74	16	22	26+		9	4.28	- 1.18	0.87	30				13	7	
DAYTON	54.1	-	80	13	25	31		5	3.30	-	1.06	7				8	6	1
KUFAULA	54.4	5.3	82	17	27	26		7	7.45	2.43	1.82	30				10	6	3
GREENSBORO	52.6M	4.2	77	23	24	26		5	4.57	- 1.04	0.86	29				12	7	
GREENVILLE	55.4	6.2	79	16	22	26		2	5.28	0.09	1.66	18				10	5	2
HIGHLAND HOME	53.8	3.0	79	14	25	26+		5	4.27	- 0.98	-					8		
LA PAYETTE	-	-							4.85	-	1.30	19	T			9		
LIVINGSTON	53.0	6.7	79	15	24	31		5	5.42	0.01	1.15	19				11	7	2
MAXWELL FIELD	53.7	-	77	15+	27	26		2	3.34	-	1.30	18				9	4	1
MONTGOMERY WB AIRPORT	52.9	-	78	15	26	26+		4	3.31	-	1.25	18				11	4	1
MONTGOMERY WB CITY	54.1	4.7	77	15	27	28+		2	3.18	- 1.66	1.28	18				9	4	1
PRATTVILLE	51.7M	3.3			26	28		4	3.23	- 1.99	-					10		
SELMA	52.4	3.2	78	16	25	31		4	3.56	- 1.72	0.92	19				9	5	
THOMASVILLE	53.1	3.7	79	16	25	31		4	4.89	- 0.11	1.47	18				10	7	1
TROY	54.4	2.8	79	14+	26	28+		4	4.82	- 0.03	1.82	18				10	5	1
TUSKEGEE	53.7	4.2	78	5	25	26		4	3.34	- 1.79	1.30	18				8	4	
UNION SPRINGS	53.8M	4.9	80	17	25	26		3	4.55	- 0.42	1.34	30				11	5	2
WETUMPKA	51.9	2.8	75	14+	26	26		3	3.37	- 2.06	0.83	30				8	6	
DIVISION	52.7								4.29									
SOUTHERN DIVISION																		
ANDALUSIA	55.6	-	80	14+	27	31		3	5.38	-	1.73	8				8	5	2
ATMORE STATE FARM	56.1	-	80	13+	28	31		4	4.11	-	1.50	30				8	2	
BAY MINETTE	57.0	3.5	80	22	27	31		3	4.64	- 0.63	1.38	29				9	5	2
BREWTON 3 MILES SSE	55.7	4.1	81	16+	28	11+		5	4.14	- 0.76	1.37	30				11	6	1
CITRONELLE	57.1	3.8	79	23	28	26+		3	4.58	- 1.06	1.10	7				10	5	2
DOTHAN CAA AIRPORT	55.3	-	81	13+	27	31		2	5.55	0.70	2.03	7				9	5	2
EVERGREEN	55.6	4.7	81	16	27	31		3	4.10	- 0.90	1.43	30				8	4	2
FAIRHOPE	58.8	4.4	80	15	30	26+		2	3.50	- 1.49	1.08	29				10	4	2
FORT MORGAN	59.5	-	75	16	34	26			2.72	-	0.91	8				10	4	
FRISCO CITY	55.5	-	80	14	26	31		5	4.65	- 0.75	1.37	8				10	7	1
GENEVA	56.8	-	81	17	27	31		2	6.44	1.72	2.34	30				9	7	2
LOCKHART	57.0	-	81	17	27	31		2	5.50	-	1.84	30				10	8	2
MOBILE WB AIRPORT	57.7	-	78	15+	29	31		2	5.85	-	1.69	7				11	7	2
MOBILE WB CITY	58.0	5.8	76	7+	30	31		2	5.42	0.40	1.42	29				10	6	3
OZARK	54.8	3.0	80	14+	27	31		3	8.15	1.80	2.49	30				13	6	2
ROBERTSDALE 7 MILES E	57.3	-	79	17	27	31		2	4.15	- 1.13	1.44	8				15	5	2
SPRING HILL	57.2	4.3			29	28+		2	4.82	- 0.52	1.88	8				11	4	2
DIVISION	56.8								4.81									
STATE	51.2	3.4							4.53	- 0.37								

## DELAYED DATA

JULY 1948																		
SPRING HILL	83.2M	2.5							-	-	-							
NOVEMBER 1948																		
SAINT BERNARD	51.8M	1.2	79	6	22	25	9		13.78	10.06	-					13		

See reference notes following Station Index.



# DAILY PRECIPITATION

ALABAMA  
DECEMBER 1948

Table 3

Station		Day of Month																															Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ABBEVILLE	R		.27	.04		.08		1	.37	.65							.05		.74	.26													6.55	
ADDISON	R			.26		.93										.07	1.10		.77	.03													4.55	
ALBERTA							.22	.13	.82									17	.78	.45													3.66	
ALBERTVILLE 1 MI S																																		
ALEXANDER CITY 6 MI NE			.61	.03		.20	.07	.64									.07	.37	.23	.42				.20	.01		.75						4.76	
ALICEVILLE						.60												2.25		.35													3.85	
ANDALUSIA						.07			1.73	.38								.05	.20	.57													5.36	
ANNISTON			.50	.13		.24		.74	T					03	T		.04	.80	.38	.28	.07												6.11	
ARLEY				.25		.98										.05	.64	1.04	1.14	.35													6.80	
ASHLAND	R		.61	.10		.25		.38									.50		.45	.05													4.01	
ASHVILLE				.24		.78			T								.70	.26	.27	.18													3.52	
ATHENS				.66	.05	.77								T	.03		1.80			.31	.55												4.95	
ATMORE STATE FARM	Z								1.10	.05								*	.31	.55													4.11	
AUBURN			.05	.35	.04		.10		.27									.20	.90	.72													3.79	
AUBURN 4 MILES N	R		.34			.05		.35									.04		1.24	.11													3.08	
AUTLAUGAVILLE									.76									.42		.93													3.21	
BAY MINETTE				.44				.20	1.02								.55	.21	.50	.17													4.64	
BEATRICE									.86																									4.03
BELGREEN	R		.28	.14		.71										.51	.41	.18	.02														3.58	
BERRY	R			.25		.70											1.85	15	.48	.06													5.63	
BEXAR 2 MILES SE	R		.19	.11												.16	.61		.20	.05													2.93	
BIRMINGHAM WB APT	Z			.33	.01	.58		T								.05	T	T	.02	.98	.39	.15	.02										4.28	
BIRMINGHAM WB CITY				.55		.80										.04	T	T															4.79	
BISHOP				.26		.88			.08									.73	.10	.05	.15												3.81	
BOAZ																	.50	*	.23	.24													3.14	
BRANTLY				.12		T		.64	.64											.67													3.47	
BREWTON 3 MILES SSE				.26		.05	.06	.91	.07									.25	.04	.73													4.14	
BRIDGEPORT				.47	.02	.55		.05								.01		1.46	.02	.02	.42												4.88	
BRUNOIDGE				.43		.03		1.08	.27										.05	.45	1.33												5.37	
CALERA				.10		.54		.57								.02	T	.33	.50	.21	.17												4.28	
CAMPBELL	R	.03				.12		.95										.43	.13	1.31	.15												4.16	
CARBON HILL				.45	.13	.75		.10								.03	1.25	1.00	.40	.35													6.79	
CENTER GROVE	T	.19		.17		.20	T										.10	.84	.52	.44	.56												5.64	
CENTREVILLE				.05		.71		.56									.05	.69	.45	.45	.32												4.66	
CHILDERSBURG				.16	.01	.36		.48									.28	.56	.16	.16													3.68	
CITRONELLE						.15	1.10	.03									.04	.97	.54	.10													4.58	
CLANTON				.07	.01	.36	.04	.62								T	.02	T	.10	.15	.73	.63											4.28	
CLAYTON				.44		.92		.40																										6.88
COFFEE SPRINGS				.35			1.00	1.70	.30									.17		1.45													7.43	
COLLINSVILLE					.31	.51										.06		.27	.43														3.44	
COLUMBIA			.13	.40		.05	T	3.99	.47										T	.90	.02												7.55	
CORDOVA				.18		.85											1.23	.69	.28	.35													5.82	
CUBA				.66		.47											.35	.26	.40	.27													3.77	
DADEVILLE			T	.50		.18	.02	.70								.02	.02	.25	.98	.62													5.47	
DADEVILLE NO 2	R		.42	.02		.15	.70										.20		1.20	.06													4.18	
DANCY					.52											.02	1.63	.05	.41	.04	.04												4.43	
DAYTON				.05		.34	1.06									.02		.34		.75	.25												3.30	
DECATUR			.03	.34		.89	T	.03								.02	T	.63	.13	.07	.18												3.92	
DEMOPOLIS				.03		.63		.62									.05	.31	.54	.41													3.78	
DOTHAN CAA AIRPORT	Z		.16		T	.05	2.03	.82									.01	T	.34	.56													5.55	
ELBA				.10		.22	.41	1.63										1.42	.27	1.37	.51												9.09	
ELKROD				.30		.80											2.00	.15	.10	.15	T												5.41	
EUFULA			.18	.18		.03			.94	.78								.03	1.60	1.63													7.45	
EUFULA LOCK NO 7	Z			.10		.68		.37								.02	1.25	.21	.75	.25													5.08	
EVERGREEN				T		.08	T	1.27	.05								T		.38	.21													4.10	
FAIRHOPE					.01		.33	1.04	.01																									

ALABAMA  
OCTOBER 18

Station	Day of Month																																	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MONTE SANO		.01	.50			1.31										1.85	1.28	.20	.25			.20		.35					.80			5.		
MONTEVALLO						.28	T	.90								.09	T	1.25	.17			.03		.12	.98				.83			3.		
MONTGOMERY WB AIRPORT	Z	.02	.04	.09		.51	T							.01		.03	T	1.26	.08						.27				.79	T		3.		
MONTGOMERY WB CITY	R		.10	.37	.09	.48		.04						T	.14	.60	.05	.13	.06			.17		.41	.20				.44			3.		
MOULTON					.56																													
NEW MARKET			.53			.79										2.56		.05	.30			.06		.87					.67			5.		
NEWTON		.07	.11			.66		.03	2.01	.29						.71	.32	.20	.18					.16					T	2.86		4.		
ONEONTA			.32					.37	.55									1.30						.98					.72		.26	5.		
ORRVILLE																	.07	.11	.58						.60				.32			3.		
OZARK		.03	.45			.08	.07	1.63	.25														.02		.32	.05				2.49		6.		
PAINT ROCK	R		.10		.90									.21	.91		.43	.04				.63		.99	.04				.90			4.		
PALMERDALE						.84									.98			.71											.83			4.		
PERRYVILLE	R					.51		.73									.05	.50	.70						.62				.73	.17		2.		
PETERMAN							.87																		.12	.03				.34			4.	
PICKENSVILLE			.11			.41									.03	.50	1.60	.05							.43				1.04			4.		
PINE HILL			.06			.14		.61								.43	1.57	.23				.06		.21					1.00			4.		
PINE LEVEL						.28		.38									1.37	.76														4.		
PLANTERSVILLE			.10			.38	.10	.75								.18				.90			.10		.30		.24		.10		.85		4.	
PLEASANT HILL	R					.44	.07									*	*	*																
PRATTVILLE						.10	.04	.55						.01		*	*	1.20								.40				.41	.52		3.	
PRIMROSE FARM		.02	.14			.08	.02	.54									.21	.55	.91															

### DELAYED DATA

JULY 1948																																
MIDWAY																																
SPRING HILL	1.48	.05 .09						.04	.33	4.91 T	.90	1.81 T	.21 T	.32 .40	.04 .40	.55		.10 .08	.05	T	.23			.30	.10	.10	*	*	.80 *	*	1.60	10.1 4.9
AUGUST 1948																																
SELGREEN	R	.30	.06							.03				.01	.10						.02						.03			.11	.05	.6 1.1
FLAT ROCK	R	.30	.42	.23							.02			.07		.05																1.1
MOULTON	R	.53	.04									.04	.02		.17																	.8 3.5
PAINT ROCK	R		.73	1.44										1.17	.02	.03						.04									.20	3.5
TALLADEGA HRN MT TWR		*	*	*	2.74					.02				1.02	.35	.46																3.5
SEPTEMBER 1948																																
MERTZ 3 MILES E				.80	1.40										.20	.25																2.9
TALLADEGA HRN MT TWR					2.76						.50										T						*		1.30		4.5	
NOVEMBER 1948																																
BOAZ																												.50	.50	4.51		15.3
HARRISBURG 6 MI SE		.05	2.85			1.15						1.03			.05	.06		.94		1.95			1.55	.15	.40			.50	3.05	1.65	.50	15.8
SAINT BERNARD	.30	.64	1.98		.07	1.38				.87				.04			1.00	2.38				.42				T	1.15	*	3.55		13.7	
TALLADEGA HRN MT TWR		*	2.26		.81	1.42				.55		.07	.01				1.00		2.21		.05	*	*	2.74		*	*	*	4.10		15.2	

See reference notes following Station Index.

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# HOURLY PRECIPITATION

ALABAMA  
DECEMBER 1941

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOBILE WB AIRPORT 6	.11																								
MONTGOMERY WB AIRPORT 6	.09																								
TUSCALOOSA AIRPORT 6	.20																								
-7th-																									
ABBEVILLE								.02	.02	.06	.03	.33	.13	.27	.25	.09	.01	.11	.02		.01	.02			1.3
ANNISTON WB AIRPORT 6							*	*	*	*	*	.11	*	*	*	*	*	.65	*	*	*	*	*	*	
ASHLAND //								.01				.01	.07	.14	.08	.03			.03	.01					.3
ATMORE STATE FARM			.01				.01	.14								.39	.16	.12	.14	.05		.02	.02	.02	1.0
AUBURN 4 MILES N																.02	.07	.05	.01	.10	.05	.01			.3
BOAZ																.02	.04	.01							.0
CAMPBELL					.01	.01	.02	.01	.01	.04	.08	.22	.34	.15	.05	.01									.9
DADEVILLE NO 2				.04	.01	.01	.02	.01	.01	.01				.06	.22	.15	.07	.03	.04		.01	.01	.01		.7
DOTHAN CAA AIRPORT	.01	.01		.01			.02	.23	.24	.05	.01	.17	.20	.64	.09	.01		.11	.01	.14	.02	.02	.01		2.0
EUTAW LOCK NO 7								.01	.01			.09	.15	.08											.3
FORT MORGAN //																		.10	.18	.01		.04	.02	.03	.3
GREENVILLE NO 2																.20	.19	.20	.01		*	*	*	*	.6
HUNTSVILLE 6																									
JACKSONVILLE //												.01			.01	.02		.01	.01						.0
LAY DAM								.02	.02			.01	.02	.13	.15	.08	.01	.01							.4
LOCK NO 1 //								.01	.01			.01	.07	.10	.23	.19	.13								.7
MAGNOLIA				.01	.03	.05	.01	.01	.01			.10	.27	.22	.27	.01									.9
MARION 1 MILE SSE									.01	.07	.02	.20	.19	.26	.01	.01									.7
MIDWAY															.09	.10	.09	.02	.04	.01	.01				.3
MOBILE WB AIRPORT 6													*	*	*	*	*	1.27	*	*	*	*	*	*	
MOBILE WB CITY															.48	.47	.15	.10	.03	.01		.01	.06	.07	1.3
MONTGOMERY WB AIRPORT 6													*	*	*	*	*	*	.50	*	*	*	*	*	
MONTGOMERY WB CITY													.06	.08	.08	.19	.06							.01	.4
MOULTON															.02							.01			.0
PETERMAN										.05	.02	.04	.11	.01	.03	.25	.22	.12	.02			.01			.8
PLEASANT HILL															.06	.16	.20		.01		.01				.4
THORSBY 1 MILE SW						.01	.01		.01	.01	.01	.05	.16	.16	.08										.5
TROY								.01		.13	.23	.07	.01	.01	.01	.04	.09	.10	.06	.04					.8
TUSCALOOSA AIRPORT 6							*	*	*	*	*	.02													
-8th-																									
ABBEVILLE		.01	.01	.03	.04	.03			.02			.25	.01	.09	.08			.07	.01						.6
ANNISTON WB AIRPORT 6	.01																								
ATMORE STATE FARM	.01					.01				.03	.03														.0
DOTHAN CAA AIRPORT				.01	.06	.17	.18	.16	.02		.04		.01	.02		.01		.02			.01	.04			.7
FORT MORGAN //	.09	.06	.05	.07	.40	.07	.02		.01		.14														.9
HUNTSVILLE 6	.05																								
MIDWAY	.02		.01									.02	.03	.01	.01	.01									.1
MOBILE WB AIRPORT 6	.42	*	*	*	*	*	.21	*	*	*	*	*	.04												
MOBILE WB CITY		.03	.10	.02																					.1
MONTGOMERY WB AIRPORT 6	.01																								
PLEASANT HILL							.03	.03		.01															.0
TROY	.01	.01					.01		.01	.05	.15	.01													.2
-10th-																									
-12th-																									
ANNISTON WB AIRPORT 6							*	*	*	*	*	.01													
BIRMINGHAM WB AIRPORT												.03	.02												.0
FORT MORGAN //																.06	.01								.0
JACKSONVILLE //																.02		.01							.0
MOBILE WB AIRPORT 6							*	*	*	*	*	*	.01												
PLEASANT HILL																									
TRAFFORD							.01			.01		.01													.0
-14th-																									
MOBILE WB AIRPORT 6													*	*	*	*	*		.01						
-15th-																									
ADDISON				.01			.01	.01		.01	.01	.01	*	*	*	*	*	.03			.01				.0
ANNISTON WB AIRPORT 6																									
BELGREEN																				.14		.11	.26		.5
BEXAR 2 MILES SE																			.01	.01		.10	.04		.1
BIRMINGHAM WB AIRPORT												.01		.01											.0
BOAZ										.02	.02														.0
FLAT ROCK																						*	*	*	.0
GARDEN CITY									.04	.01												*	*	*	.0
HALEYVILLE																			.01	.16				.0	.5
HUNTSVILLE 6							*	*	*	*	*		.02						*	*		*	*	*	.2
MOULTON																									.1
MUSCLE SHOALS 6																			*	*		*	*	*	.1
PAINT ROCK																						.10	.11		.2
TONEY																					.81	.11	.50	.81	.2
TRAFFORD										.01	.01	.01													.0
TUSCALOOSA AIRPORT 6							*	*	*	*	*	.02													.0
VERNON								.02	.03	.04	.01														.1
-16th-																									
ABBEVILLE												.04	.01												.0
ADDISON	.29	.10	.04	.22	.12	.02		.03	.10	.01	.01	.03	.03	.01	*	*	*	.03	.01	*	.03	.01	.01	*	1.1
ANNISTON WB AIRPORT 6		*	*	*	*	.07	*	*	*	*	*	.40	*	*	*	*	*	.08	*	*	*	*	*	*	
ASHLAND //						.07							.19	.05	.03	*	*	.05	.03	*	*	*	*	*	.5
ATMORE STATE FARM						.07		.02				.05	.01			.01	.03	.04	.01	.02	.01	.01	.02	.01	.2
AUBURN 4 MILES N						.01	.03																	.0	.4
BELGREEN	.09	.10	.10	.12																					.4
BERRY		.04	.15	.50	.25	.22	.04	.04	.20	.20	.05							.01		.01		.02	.01	.11	1

## HOURLY PRECIPITATION

ALABAMA  
DECEMBER 1948

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOBILE WB AIRPORT 6																									
MOBILE WB CITY																									
MONTGOMERY WB AIRPORT 6																									
MONTGOMERY WB CITY																									
MOULTON																									
MUSCLE SHOALS 6																									
PAINT ROCK																									
TONEY																									
TRAFFORD																									
TUSCALOOSA AIRPORT 6																									
UNIVERSITY																									
VERNON																									
-17th-																									
ANNISTON WB AIRPORT 6																									
ATMORE STATE FARM																									
BERRY																									
BIRMINGHAM WB AIRPORT																									
BOAZ																									
CAMPBELL																									
EUTAW LOCK NO 7																									
GUNTERSVILLE REC																									
HUNTSVILLE 6																									
JACKSONVILLE //																									
LOCK NO 1 //																									
MOBILE WB AIRPORT 6																									
MOBILE WB CITY																									
MOULTON																									
MUSCLE SHOALS 6																									
TRAFFORD																									
TUSCALOOSA AIRPORT 6																									
UNIVERSITY																									
-18th-																									
ABBEVILLE																									
ADDISON																									
ANNISTON WB AIRPORT 6																									
ASHLAND //																									
ATMORE STATE FARM																									
AUBURN 4 MILES N																									
BELGREEN																									
BERRY																									
BEXAR 2 MILES SE																									
BIRMINGHAM WB AIRPORT																									
BOAZ																									
CAMPBELL																									
DADEVILLE NO 2																									
DOTHAN CAA AIRPORT																									
EUTAW LOCK NO 7																									
FLAT ROCK																									
FORT MORGAN //																									
GARDEN CITY																									
GREENVILLE NO 2																									
GUNTERSVILLE REC																									
HALEYVILLE																									
HUNTSVILLE 6																									
JACKSONVILLE //																									
LAY DAM																									
LOCK NO 1 //																									
MAGNOLIA																									
MARION 1 MILE SSE																									
MIDWAY																</									

# HOURLY PRECIPITATION

ALABAMA  
DECEMBER 1948

Table 4--Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TONNEY	.02	.01																							.03
TRAFFORD								.01	.01																.02
TROY	.07	.02	.01		.02	.13	.01																		.26
TUSCALOOSA AIRPORT 6	.08	*	*	*	*	.07																			
UNIVERSITY	.02	.01				.01		.01																	.05
-21st-																									
BOAZ																						.01	.01	.01	.03
-22d-																									
ADDISON		.04	.04	.11	.17	.01																			.37
BELGREEN				.01	.01																				.02
BOAZ		.01			.05	.01	*	.05	.09	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.22
FLAT ROCK							*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
FORT MORGAN //					.24	.01																			.25
GUNTERSVILLE REC			.34	.04	.01	.09	.03																		.51
HALEYVILLE	.05	.13	.01	.02	.07	.02																			.30
HUNTSVILLE 6	*	*	*	*	*	*	.15	*	*	*	*	*	.08	*	*	*	*	*	.01						
MONTGOMERY WB AIRPORT 6		*	*	*	*	*	.02							*	*	*	*	*							
MOULTON	.06	.01				.04	.06																		.17
PAINT ROCK			.40	.10			.07	.06																	.63
VERNON				.07	.02																				.09
-23d-																									
CAMPBELL	*	*	*	*	*	*	1.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLAT ROCK																									1.20
-24th-																									
ADDISON																.03	.01	.02		.01	.07	.24	.16	.10	.64
BELGREEN																	.05	.02	.18	.30	.03	.12	.20	.07	.58
BERRY																							.01	.17	.18
BEXAR 2 MILES SE																.01	.01	.01	.01	.09	.37	.10	.01	.61	
BIRMINGHAM WB AIRPORT																							.04	.04	.04
BOAZ																.01	.02	.01	.01	.01	.01	.01	.44	.51	
FLAT ROCK														*	*	*	*	*	*	*	*	*	*	*	*
GARDEN CITY																						.01	.20	.44	.65
GUNTERSVILLE REC																.02	.02	.01	.01	.03	.01	.12	.20	.07	.47
HALEYVILLE																	.01	.01	.01	.02	.05	.14	.29	.07	.60
HUNTSVILLE 6														*	*	*	*	*	*	*	*	*	*	*	*
MOULTON														*	*	*	.04	.05	.03	.18	.04	.06	.01	*	.41
MUSCLE SHOALS 6								*	*	*	*	*	.02	*	*	*	*	*	*	.13	*	*	*	*	*
PAINT ROCK														.09	.01	.01	.08	.15	.11	.13	.22	.08	.88		
TONNEY														.10		.01	.01	.01	.18	.24	.16	.01	.01	.10	.82
TRAFFORD																									.12
TUSCALOOSA AIRPORT 6																									.48
UNIVERSITY																					*	*	*	*	.47
VERNON																							.01	.19	.51
-25th-																									
ABBEVILLE							.10	.10																	.20
ADDISON	.01	.01	.01	.01	*	.98	*	*	*	*	*	.02													.04
ANNISTON WB AIRPORT 8		.07	.33	.07	.12	.01				.02															.62
ASHLAND //						.10	.38	.07		.03															.58
ATMORE STATE FARM					.10	.04	.02	.04																	.25
AUBURN 4 MILES N				.05	.10	.04																			.10
BERRY	.71	.28	.07	.02	.01	.01																			1.01
BIRMINGHAM WB AIRPORT	.22	.47	.27	.03	.01	.01																			1.01
BOAZ	.15	.10		.03	.01		.01																		.30
DADEVILLE NO 2				.06	.14	.12	.10	.05																	.47
DOTHAN CAA AIRPORT							.08	.07		.01	.01	.01													.18
EUTAW LOCK NO 7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLAT ROCK	*	*	*	*	*	*	.64																		.64
FORT MORGAN //								.04	.10			.01													.15
GARDEN CITY	.11	.05	.04	.02	.02	*	*	*	*	*	*	.50													.24
GREENVILLE NO 2	*	*	*	*	*	*	*	*	*	*	*	*													.50
GUNTERSVILLE REC	.03	.04	.01																						.08
HALEYVILLE		.01	.02	.01	*	*	.05																		.04
HUNTSVILLE 6	.39	*	*	*	*	*	.13	.30	.14	.20	.15	.01													.93
JACKSONVILLE //							.19	.02																	.59
LAY DAM		.01	.37	.19	.02	.01	.04	.24	.01	.01															.30
LOCK NO 1 //				.04	.24	.01																			.43
MAGNOLIA		.02	.02	.21	.15	.03																			.60
MARION 1 MILE SSE		.02	.16	.32	.10																				.27
MIDWAY						.19	.01	.07	*	*	*	.47													.34
MOBILE WB AIRPORT 6							.08	.28	.03	*	*	*	.01												.32
MOBILE WB CITY							.26	*	*	*	*	*	.01												.34
MONTGOMERY WB AIRPORT 6		*	*	*	*	*																			.32
MONTGOMERY WB CITY				.03	.17	.07	.05																		.32
MUSCLE SHOALS 6	.63																								.04
PAINT ROCK	.01		.02	.01																					.34
PETERMAN					.21	.05	.02	.03	.02	.01															.03
TONNEY		.01	.02																						.105
TRAFFORD	.62	.12	.25	.04	.01	.01	.02	.07																	.34
TROY						.25	.02	.07																	.34
TUSCALOOSA AIRPORT 6	.07	*	*	*	*	.93																			.41
UNIVERSITY	.23	.11	.04	.03																					.19
VERNON	.14	.05																							
-26th-																									
MOULTON							.20																		.20
-29th-																									
ABBEVILLE			.04	.08	.47	.05	.08	.01	.01		.03	.21	.73	1.07	.34	.14	.01	.04	.03	.04	.13	.12			2.89
ADDISON				*	*	.01	*	*	*	*	*	*	.87	*	*	*	*	*	.07						.74
ANNISTON WB AIRPORT 6	*	*		*	*			*	*	*	*	*	.87	*	*	*	*	.07							.45
ASHLAND //						.10	.44	.20	.06	.04	.01	.01	.03	.01	.09	.05	.01								1.05
ATMORE STATE FARM						.02	.62	.18	.31	.21	.04														



Table 4--Continued

## HOURLY PRECIPITATION

ALABAMA  
DECEMBER 1948

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GREENVILLE NO 2								.15	.33	.17	.30	.19	.10	.01		.04	.10	.01							1.40
GUNTERSVILLE REC					.54	.10	.10	.05																	.79
HALEYVILLE	.01	.01	.39	.10	.06								.06												.57
HUNTSVILLE 6	*	*	*	*	*		.66	*	*	*	*	*													
JACKSONVILLE //								.20	.60	.09	.05		.06				.02	.01	.01						.98
LAY DAM					.01	.18	.57	.05	.05	.01			.01	.01	.05	.01									.95
LOCK NO 1 //				.01	.02	.37	1.48	.07	.05	.01			.01	.06	.02	.01									2.11
MAGNOLIA				.12	.02	.30	.08	.08	.02																.60
MARION 1 MILE SSE				.08	.48	.05	.05	.08																	.74
MIDWAY								.05		.19	.11	.16	.21	.04	.03	.03	.07	.11	.18	.09					1.27
MOBILE WB AIRPORT 6	*	*	*	*	*		.10	*	*				1.44	*	*	*	*	*	.08						
MOBILE WB CITY						.27	.70	.17	.09	.03	.11	.02	*	*	*	*	*	.03							1.42
MONTGOMERY WB AIRPORT 6						.05	.20	.15	.09	.13	.06	.03				.03	.03	.02	.11						.79
MONTGOMERY WB CITY						.07			*	*	*	*													.44
MOULTON		.17		.10	.07	.03	.07																		
MUSCLE SHOALS 6	*	*	*	*	*		.60																		
PAINT ROCK				.04	.30	.38	.10	.04	.04	.20	.07	.04	.01		.01	.02	.01	.01							.90
PETERMAN							.54	.06	.06																.97
TONEY				.44	.26	.02	.02	.06		.01															.78
TRAFFORD				.02	.44	.25	.12	.06		.14	.05	.15	.14	.07	.04		.11	.08	.08						.90
TROY									.06	*	*	.11													.92
TUSCALOOSA AIRPORT 6	*	*	*	*	.80		*	*	*	*	*	.11													
UNIVERSITY				.10	.70	.15	.10			.02															1.07
VERNON			.02	.36	.13	.06																			.57
-30th-																									
ANNISTON WB AIRPORT 6							*	*	*	*	*	.01													
-31st-																									
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FORT PAYNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW BROCKTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLEASANT HILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RIVER FALLS 2 MILES NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
THORSBY 1 MILE SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## DELAYED DATA

JULY 1948																									
-31st-																									
LAY DAM										*	*	*	*	*	*	*	*	.38							.99
NOVEMBER 1948																									
-27th																									
BOAZ																					.02	.31	.17		.50
-28th-																									
BOAZ	.29	.85	.54	.56	.82	.29	.33	.26	.25	.12	.06	.01	.01	.04			.03	.04					.01		4.51
DECEMBER 1948																									
-16th-																									
THORSBY 1 MILE SW	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.36	.36
-18th-																									
THORSBY 1 MILE SW		.03	.02	.06	.08	.21	.06	.15	.11	.05	.02	.02										.01	.03		.85
-19th-																									
THORSBY 1 MILE SW	.01	.02	.01	.01	.01																				.06
-25th-																									
CAMPBELL		.01	.19	.08	.02																				.30
THORSBY 1 MILE SW		.01	.16	.05	.08	.01																			.31
-29th-																									
CAMPBELL				.01	.21	.32	.07	.05	.04	.02			.01			.01									.74
THORSBY 1 MILE SW					.06	.16	.61	.07	.03																.93

# DAILY TEMPERATURES

ALABAMA  
DECEMBER 1948

Table 5

Station	Day of month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALBERTVILLE 1 MI S	MAX																					61	57	53	48	40	33	41	57	55	33	-	
	MIN																					51	37	37	38	18	29	28	34	32	24	-	
ALEXANDER CTY 6 MI NE	MAX	60	63	51	61	66	67	64	57	62	61	50	56	65	72	68	71	72	62	54	52	54	67	68	65	66	47	40	46	61	59	37	59.5
	MIN	30	41	46	35	35	41	34	42	38	29	25	31	50	53	56	60	57	47	44	27	28	29	47	45	41	20	21	28	30	34	25	37.7
ANDALUSIA	MAX	60	62	64	70	70	74	65	62	60	64	55	60	77	80	73	80	79	69	65	64	64	76	78	64	74	63	44	54	63	41	65.8	
	MIN	39	43	49	41	46	45	45	55	45	34	34	33	36	63	62	62	61	54	55	38	36	51	58	56	60	28	32	38	34	27	45.3	
ANNISTON	MAX	64	52	60	65	69	62	54	61	60	50	58	61	72	72	71	70	64	54	56	54	67	72	64	59	49	41	42	60	61	39	45	59.0
	MIN	34	47	40	38	47	38	39	39	37	32	30	50	53	56	57	60	48	44	34	31	33	53	42	44	30	22	30	29	41	32	24	39.8
ATMORE STATE FARM	MAX	58	65	68	68	71	75	64	62	62	63	55	65	80	78	78	80	79	67	66	64	61	78	80	70	75	64	45	51	65	60	41	66.4
	MIN	36	45	42	42	44	46	44	53	47	35	33	34	55	66	65	66	62	59	58	38	42	55	55	59	29	29	32	44	36	28	45.7	
AUBURN	MAX	61	62	60	63	67	67	63	61	63	60	50	59	65	74	67	71	77	64	55	58	53	67	67	66	66	46	40	45	63	58	37	60.5
	MIN	36	40	45	37	43	42	41	48	44	30	30	40	54	60	53	61	61	42	44	29	33	51	48	49	41	22	30	28	42	34	25	41.4
BAY MINETTE	MAX	66	71	70	73	73	69	72	71	62	56	67	79	77	79	78	74	69	72	65	61	79	80	63	76	67	47	52	65	67	44	50	67.5
	MIN	30	43	53	44	49	44	46	43	47	35	34	53	65	67	65	63	60	59	39	38	41	56	55	57	40	29	34	46	43	35	27	46.5
BIRMINGHAM WB APT	MAX	61	54	60	67	69	60	55	59	59	48	59	63	68	67	72	69	62	52	55	53	66	68	61	61	48	39	48	59	59	36	45	58.1
	MIN	31	48	39	38	50	36	40	38	35	26	28	52	56	56	63	58	48	45	33	30	39	49	43	43	28	20	30	33	36	28	23	39.4
BIRMINGHAM WB CITY	MAX	58	63	54	62	67	68	64	56	61	62	51	60	64	67	68	72	66	64	55	52	54	67	71	63	64	43	40	50	60	57	36	59.3
	MIN	35	39	49	41	42	39	40	38	37	30	39	56	62	62	61	49	44	45	31	32	45	45	42	42	21	23	32	40	44	34	22	40.2
BREWTON 3 MILES SSE	MAX	60	65	66	72	72	75	65	62	60	65	56	67	80	80	79	81	81	70	70	66	62	79	80	64	77	60	45	53	67	66	44	67.4
	MIN	34	34	46	39	40	46	38	48	47	35	32	52	58	64	60	61	59	59	59	34	35	39	56	55	56	29	31	34	44	37	28	44.0
CENTREVILLE	MAX	60	65	60	62	67	71	63	55	60	62	52	61	64	71	74	74	68	62	58	55	55	68	68	65	68	48	44	51	60	58		61.6
	MIN	33	34	50	39	40	38	40	41	32	30	29	32	56	56	61	63	50	46	46	30	32	35	46	38	40	27	28	32	40	36		40.0
CITRONELLE	MAX	63	70	69	71	75	70	62	66	65	57	60	68	78	74	77	78	72	64	68	64	61	77	79	66	76	59	44	52	65	60	43	66.2
	MIN	37	45	56	46	54	44	48	50	47	35	36	54	64	66	65	67	62	57	59	37	38	48	56	55	54	28	29	38	47	37	28	48.0
CLANTON	MAX	55	61	54	64	66	70	59	55	60	63	50	59	66	71	69	74	71	60	55	56	53	69	73	64	68	48	42	49	60	58	38	60.0
	MIN	33	34	38	37	38	41	38	44	36	30	29	29	52	55	60	62	55	46	47	31	31	36	48	43	44	22	23	29	35	34	22	38.8
CORDOVA	MAX	56	65	56	60	70	69	65	60	59	60	48	68	67	70	73	69	69	55	51	64	65	67	65	60	42	44	52	63	58	42	60.4	
	MIN	30	33	50	41	45	34	35	34	27	24	21	45	54	53	60	63	49	45	45	30	33	39	45	40	35	20	24	30	38	35	23	38.1
DAYTON	MAX	63	65	64	65	75	69	55	60	60	55	61	69	80	75	74	73	68	60	60	67	74	75	72	77	67	57	50	55	62	55	45	64.7
	MIN	35	43	50	38	50	39	44	40	38	32	29	50	58	63	62	62	54	48	44	32	40	60	50	42	38	26	34	38	44	35	25	43.5
DECATUR	MAX	53	57	54	58	62	65	53	56	52	41	56	67	71	67	71	66	57	52	46	53	63	52	51	48	38	35	46	58	56	35	54.5	
	MIN	32	33	49	40	40	39	38	34	34	30	28	28	51	58	62	63	44	42	43	32	30	41	35	37	34	18	20	31	37	33	24	37.4
DOTHAN CAA AIRPORT	MAX	63	60	69	69	73	64	63	62	61	55	62	78	81	76	77	81	71	71	64	58	73	74	70	73	66	42	50	65	65	42	49	65.4
	MIN	40	48	49	42	40	47	47	56	44	33	33	49	60	59	60	63	60	57	43	36	39	56	54	53	35	29	33	33	42	34	27	45.2
EUFULA	MAX	63	67	64	67	69	72	68	62	60	62	55	64	75	79	79	75	82	69	60	65	58	69	76	72	73	66	46	48	68	58	40	65.5
	MIN	34	36	49	39	40	47	40	50	52	33	31	32	55	58	59	63	62	55	51	32	34	36	54	54	55	27	31	32	35	37	28	43.3
EVERGREEN	MAX	63	68	66	71	74	74	67	62	66	68	57																					67.4
	MIN	34	39	53	39	41	43	43	52	43	34	33	32	65	63	61	60	52	51	34	36	43	55	55									43.7
FAIRHOPE	MAX	65	72	70	68	78	68	74	65	65	57	68	79																				68.7
	MIN	40	40	56	45	51	46	43	54	47	37	36	54	64	65	64	65	60	58	39	41	63	58	53	40	30	36	47	52	38	30		



# DAILY TEMPERATURES

ALABAMA  
DECEMBER 1948

Table 5-Continued

Station	Day of month																															Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
DELAYED DATA																																		
JULY 1948																																		
SPRING HILL	MAX	89	85	91	92	93	95	96	95	89	91	91	90	89	90	94	94	91	93	93	89	92	95	98	100	96						90	94	92.4
	MIN	67	72	71	73	74	73	70	72	73	73	71	74	74	75	78	76	74	74	74	75	77	77	77	79	73						70	78	73.9
NOVEMBER 1948																																		
SAINT BERNARD	MAX	75	76	66	69	76	79	64	68	71	70	56	60	62	61	64	70	55	58	70	67	60	66	53	48	54	65	53		62	40		63.4	
	MIN	58	62	61	45	65	54	36	36	50	37	28	37	45	40	31	32	46	46	50	35	28	35	37	26	22	23	41		28	29		40.1	

# EVAPORATION AND WIND MOVEMENT

Table 6

Station		Day of month																															Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP.	.087	.050	.047	.098	.051	.101	.100	.001	.030	.082	.092	.062	.015	.017	.022	.003	.133	.104	.029	.096	.078	.023	.046	.055	.127	.084	.051	.046	.035	.048	.002	1.823	
	WIND	30	122	38	29	11	71	19	40	18	43	42	46	24	35	14	83	63	42	41	48	15	42	39	23	45	111	35	18	73	77	76	1,393	
FAIRHOPE	EVAP.	.054	.030	.070	.052	.046	.086	.022	.052	.026	.048	.100	.006	.012	.054	.034	.066	.038	.030	.042	.072	.028	.024	.041	.053	.100	.19	.044	.012	-	.100	.060	1.592	
	WIND	12	15	29	11	8	42	13	34	*	46	32	14	7	11	9	27	20	31	49	12	15	5	16	11	67	65	25	22	59	100	77	884	

# DAILY RIVER STAGES

Table 7

River and Station		Flood stage	Day of month																															Highest	Date	Lowest	Date
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
CHATTahoochee	40	53.5	50.6	48.8	42.1	33.2	18.0	14.2	15.2	19.5	14.6	13.4	12.3	11.6	11.1	10.8	10.9	10.5	10.0	22.6	19.2	16.0	12.6	11.8	11.2	11.1	11.1	11.2	12.0	11.3	21.1	21.0	53.541	10.0	18		
	42	49.4	49.0	47.4	44.8	40.8	31.1	20.6	23.3	23.0	21.5	19.3	17.6	16.2	15.6	15.4	14.8	14.8	14.2	24.6	25.8	22.4	18.6	16.7	15.8	15.4	15.1	14.8	15.3	15.2	20.1	26.6	49.431	14.2	18		
CHOCTAWatchee	19	12.3	9.8	8.9	7.9	7.6	7.3	7.0	11.0	11.2	10.7	9.5	8.4	8.2	7.1	8.6	8.2	6.2	6.2	7.3	8.9	8.5	7.9	7.8	7.4	6.6	8.7	6.2	5.8	5.7	14.4	11.8	14.3730	5.7	29		
	23	22.6	21.7	20.4	18.8	16.6	14.3	12.1	12.1	15.3	17.3	17.0	15.0	14.0	12.1	11.2	10.6	10.2	9.7	9.8	10.7	11.4	12.2	12.4	12.2	11.5	10.8	10.6	8.9	9.2	12.4	16.4	22.601	9.2	28		
CONECUH	35	40.4	31.3	28.5	21.5	18.1	14.8	8.4	14.7	12.3	9.1	11.1	5.4	4.2	5.8	4.3	6.4	4.8	4.1	7.7	8.4	6.1	4.3	3.2	5.4	14.4	15.7	13.2	6.7	4.9	12.3	10.3	40.401	3.2	23		
	17	20.7	21.2	20.2	18.4	17.1	15.8	14.2	12.4	12.3	12.4	11.5	10.7	10.2	9.2	8.6	8.2	8.1	7.8	7.9	8.3	8.4	9.2	9.3	9.5	10.5	10.8	10.6	8.9	7.9	9.1	10.4	21.202	7.2	16		
COOSA	20	26.9	23.0	19.7	18.7	18.4	18.4	18.4	18.2	17.6	16.6	15.1	11.3	9.2	5.9	5.5	5.2	6.0	6.4	8.9	7.2	7.2	7.0	6.7	6.2	8.0	7.8	7.8	7.9	7.9	9.6	9.1	26.931	5.2	18		
	20	28.7	28.5	28.6	28.8	28.8	28.6	28.0	27.1	28.9	23.7	17.5	9.6	7.2	6.8	6.2	6.1	8.6	7.9	8.8	9.4	8.3	8.9	8.2	7.5	7.8	9.3	10.3	10.8	10.3	10.8	11.8	28.805	8.1	18		
	17	23.0	21.3	20.5	20.3	20.3	20.3	20.3	19.9	19.0	18.0	15.8	9.6	6.2	5.3	4.9	4.6	5.5	6.0	6.9	7.2	7.2	6.9	6.5	5.9	6.1	7.7	8.0	8.2	8.2	9.4	9.1	23.001	4.6	16		
	45	53.6	51.6	49.2	46.7	44.1	42.0	40.9	38.1	37.7	38.0	33.3	29.8	22.8	16.8	14.9	14.2	13.7	13.7	11.8	18.0	17.6	16.5	16.6	15.0	12.6	16.1	16.1	16.3	17.1	19.1	22.0	53.601	11.8	18		
TALLAPOOSA	40	37.1	33.4	30.2	19.0	13.4	12.4	11.3	12.2	11.4	11.4	10.1	4.9	5.8	8.0	8.9	8.9	8.1	9.3	13.3	7.9	8.3	8.7	7.2	6.7	4.2	3.7	3.8	6.2	5.2	13.2	17.7	37.101	3.7	28		
	23	24.4	13.0	9.7	8.7	7.7	8.2	8.5	9.2	8.3	7.2	8.6	6.3	6.1	5.9	5.7	5.8	8.3	9.2	8.9	8.9	7.8	7.2	6.7	6.3	6.7	9.8	8.9	7.7	7.4	12.4	-	24.351	5.7	15		
CASABA	36	39.4	38.8	37.5	34.4	29.8	25.4	23.2	22.7	21.2	18.8	15.6	12.8	10.4	8.4	7.2	6.1	7.0	10.4	13.6	12.5	12.0	10.0	8.6	8.0	7.4	8.5	10.7	9.9	8.8	10.4	13.0	39.401	6.1	16		
ALABAMA	35	55.4	54.3	53.0	51.0	48.4	45.8	43.5	41.1	39.0	37.3	34.7	31.1	25.3	17.8	13.4	11.9	11.2	11.0	11.5	15.5	15.6	14.8	14.7	12.8	11.8	10.7	12.5	14.2	13.7	15.3	19.2	55.401	10.7	28		
	45	54.4	55.5	56.1	56.0	55.4	54.5	53.1	51.3	49.2	46.8	44.3	41.5	38.2	32.3	26.0	20.0	16.5	15.0	16.7	18.1	20.6	20.9	19.4	18.2	18.4	14.7	14.9	16.5	16.9	17.7	20.7	58.143	14.7	28		
	40	54.2	54.8	54.5	55.4	56.1	56.3	56.2	55.8	55.1	54.2	53.0	55.6	50.0	47.8	44.4	39.4	33.1	27.5	27.8	27.8	27.3	27.2	28.3	24.8	23.2	21.7	20.1	20.8	21.9	23.5	25.2	56.316	20.1	27		
BLACK WARRIOR	47	58.7	51.8	42.0	35.8	31.6	30.3	31.8	29.0	25.3	23.0	19.5	17.8	17.4	17.4	17.1	16.4	35.2	35.4	31.8	30.2	27.0	24.0	20.2	20.2	21.0	32.5	28.5	24.8	23.0	32.2	30.5	58.701	16.4	16		
TOMBIGBEE	46	44.5	44.8	45.1	45.2	45.3	45.4	45.2	44.8	44.0	42.6	40.4	37.3	32.4	24.4	16.1	12.0	22.3	28.4	32.0	33.0	33.0	32.0	29.5	25.2	21.5	20.6	21.1	20.2	18.9	23.2	23.3	45.37	12.0	16		
	49	53.5	54.8	56.0	57.2	58.4	59.1	59.1	58.8	58.2	57.5	56.4	54.8	52.4	48.8	43.7	38.0	34.6	37.0	41.4	43.9	44.8	44.7	43.4	41.0	37.2	34.0	33.8	34.4	33.5	33.9	35.4	59.106	33.5	29		
	33	54.5	55.2	55.9	56.5	57.1	57.7	58.0	58.2	58.1	57.8	57.3	56.7	54.0	50.6	45.8	41.6	41.0	43.8	46.0	46.9	47.2	46.4	45.0	42.2	38.1	37.2	37.1	36.6	37.0	38.0	46.5	56.208	36.7	29		
	46	55.0	55.5	58.2	56.8	57.4	58.2	58.8	59.4	59.8	59.4	59.1	58.7	58.0	56.8	55.0	52.3	48.3	45.5	46.5	48.0	48.7	49.0	48.7	47.8	45.7	42.7	40.6	39.9	39.5	39.5	40.2	39.809	39.5	29		
	31	37.3	37.2	37.2	37.3	37.4	37.8	38.9	38.6	39.2	39.7	39.9	40.1	40.1	40.0	39.7	39.1	38.5	37.4	36.3	35.8	35.2	34.9	34.7	34.6	34.4	34.0	33.1	32.1	31.4	31.2	31.1	40.1012	31.1	31		
TENNESSEE	18	21.3	20.9	22.0	20.7	17.3	16.7	15.5	13.5	13.1	12.5	10.7	11.6	11.8	9.9	9.8	11.0	15.0	14.1	14.3	16.2	14.8	12.4	10.9	10.4	10.3	12.7	13.8	13.3	15.1	14.2	14.2	22.003	9.6	15		



## STATION INDEX

ALABAMA  
DECEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBEVILLE	0008	BENRY	CHATTAHOOCBIE	31 34	85 15		C		MID		5		J. P. MITCHELL	3 4
ADDISON	0063	WINSTON	BLACK WARRIOR	34 13	87 10		C		MID		8		PALMER GODSEY	3 4
ADDISON CENTRAL TOWER	0071	LAWRENCE	BLACK WARRIOR	34 25	87 19	1500	C		7A		8		U. S. F. S.	
ALBERTA	0140	WILCOX	ALABAMA	32 14	87 25		C		8A		8		SIDNEY J. HARDY, SR.	3
ALBERTVILLE 1 MILE S	0148	MARSHALL	TENNESSEE	34 16	86 13	1114	C	6A	6A	23	23		PAT M. COURINGTON	2 3 5
ALEXANDER CITY 6 MI NE	0163	TALLAPOOSA	TALLAPOOSA	32 59	85 52	660	C	8A	8A	6	6		F. E. BLACKBURN	2 3 5
ALICEVILLE	0178	PICKENS	TOMBIGBEE	33 08	88 10		C		7A		9		HOSIE PHILLIPS	2 3
ANDALUSIA	0252	COVINGTON	CONECUH	31 19	86 30	346	C	6P	6P	11	11		WM. M. GARRETT	2 3 5
ANNISTON	0267	CALHOUN	COOSA	33 40	85 50	724	C	6P	6P	58	58		U. S. WEATHER BUREAU	2 3 5
ANNISTON WB AIRPORT	0272	CALHOUN	COOSA	33 35	85 51		C	MID	MID	2	2		U. S. WEATHER BUREAU	2 3 4 5
ARLEY	0338	WINSTON	BLACK WARRIOR	34 04	87 13		C		7A		11		MRS. LESSIE HILLER	3
ASHLAND	0369	CLAY	TALLAPOOSA	33 16	85 50		C		MID		8		HENRY L. MC QUEEN	3 4
ASHVILLE	0377	ST. CLAIR	COOSA	33 50	86 16	880	C		8A		33		MRS. B. C. BANKS	3
ATHENS	0390	LIMESTONE	TENNESSEE	34 48	86 59	709	C		7A		8		TVA-62	3
ATMORE STATE FARM	0402	ESCAMBIA	ESCAMBIA	31 10	87 29		C	6P	6P	5	5		ATMORE STATE FARM	2 3 4 5
AUBURN	0422	LEE	TALLAPOOSA	32 36	85 30	732	C	8A	8A	57	71	2	MRS. MARTHA I. MOORE	2 3 5 6
AUBURN 4 MILES N	0427	LEE	TALLAPOOSA	32 40	85 29		C		MID		5		SCS	3 4
AUTAGAUVILLE	0440	AUTAUGA	ALABAMA	32 26	86 39		C		8A		8		J. B. NEIGHBORS	3
BAY MINETTE	0583	BALDWIN	GULF	30 53	87 47	268	C	7P	7P	24	30		GROVER W. WOODWARD	3 5
BEATRICE	0616	MONROE	ALABAMA	31 44	87 13		C		7A		7		W. P. DUNN	2 3
BELGREEN	0631	FRANKLIN	TENNESSEE	34 28	87 52	910	C		MID		13		TVA-43	3 4
BERRY	0748	FAYETTE	BLACK WARRIOR	33 40	87 36		C		MID		8		MISS. CLARA R. OLIVE	3 4
BEXAR 2 MILES SE	0790	MARION	TOMBIGBEE	34 12	88 09		C		MID		3		WM. H. WHITEHEAD	3 4
BILLINGSLEY	0823	AUTAUGA	ALABAMA	32 39	86 43		C		7A		10		MRS. T. L. GALLMAN	3
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	BLACK WARRIOR	33 34	86 45	610	C	MID	MID	11	11		U. S. WEATHER BUREAU	2 3 4 5
BIRMINGHAM WB CITY	0836	JEFFERSON	BLACK WARRIOR	33 32	86 50	694	C	8A	8A	61	61		MRS. CARRIE B. BORTON	2 3 5
BISBOP	0854	COLBERT	TENNESSEE	34 39	88 05	470	C		7A		11		TVA-42	3
BOAZ	957	MARSHALL	BLACK WARRIOR	34 13	86 10		C		7A		8		MILFORD B. DOOLEY	3 4
BRANTLEY	1069	CRENSHAW	CONECUH	31 35	86 16	284	C		8A		19		R. E. BENDERSON	
BREWTON 3 MILES SSE	1084	ESCAMBIA	CONECUH	31 04	87 03	85	C	6P	6A	31	34		MRS. CLARA T. PEAVY	2 3 5 7
BRIDGEPORT	1099	JACKSON	TENNESSEE	34 57	85 43	660	C		8A		53		N. R. ATKINS	3
BRUNDIDGE	1178	PIKE	CHOCTAWHATCHEE	31 43	85 49	515	C		8A		19		GEO. L. BICKS	3
CALERA	1288	SHELBY	COOSA	33 06	86 45	500	C		8A		49		L & N R.R. AGENT	
CAMPBELL	1315	CLARKE	TOMBIGBEE	31 55	87 59		C		MID		8		E. DOUGLAS REID	3 4
CARBON BILL	1377	WALKER	BLACK WARRIOR	33 54	87 32	430	C		7A		10		MISS. MARY C. RAY	3
CENTER GROVE	1492	MORGAN	TENNESSEE	34 23	86 38	700	C		7A		14		TVA	3
CENTREVILLE	1520	BIBB	CAHABA	32 57	87 08	230	C	6P	8A	32	32		W. D. BOLLIFIELD	2 3 5 7
CHILDERSBURG	1615	TALLADEGA	COOSA	33 17	86 21	540	C		6A		12		ALABAMA POWER CO.	3 7
CITRONELLE	1685	MOBILE	GULF	31 05	88 14	331	C	6P	6P	60	61		B. O. JONES	2 3 5
CLANTON	1694	CBILTON	COOSA	32 51	86 38	590	C	6P	7A	56	56		HUGB M. SIMPSON	2 3 5
CLAYTON	1725	BARBOUR	CHOCTAWHATCHEE	31 52	85 27	590	C		8A		21		L. L. REEDER	3
COFFEE SPRINGS	1807	GENEVA	CHOCTAWHATCHEE	31 10	85 55	255	C		8A		26		C. B. ADKISON	3
COLLINSVILLE	1849	DE KALB	COOSA	34 15	85 52	734	C		7A		11		MRS. S. CUNNINGHAM	3
COLUMBIA	1865	BOUSTON	CHATTAHOOCHEE	31 18	85 06	130	C		8A		13		COY TOMPSON	3 7
CORDOVA	1940	WALKER	BLACK WARRIOR	33 46	87 11	334	C	8A	8A	28	46		MRS. C. GRESHAM	2 3 5
CUBA	2079	SUMTER	TOMBIGBEE	32 26	88 23	215	C		8A		9		REUBEN P. HARRIS	3
DADEVILLE	2119	TALLAPOOSA	TALLAPOOSA	32 50	85 45	760	C		8A		36		DR. W. B. FULTON	3
DADEVILLE NO 2	2124	TALLAPOOSA	TALLAPOOSA	32 50	85 46		C		MID		8		JAY D. LANE	3 4
DANCY	2141	PICKENS	TOMBIGBEE	33 01	88 17	208	C		7P		43		E. F. SMITH	3
DAYTON	2188	MARENGO	TOMBIGBEE	32 21	87 39		C	6P	6P	1	9		JAMES M. CREWS	2 3 5
DECATUR	2207	MORGAN	TENNESSEE	34 37	86 58	573	C	6P	8A	67	70		MRS. FRED TRIMBLE	2 3 5
DEMOPOLIS	2240	MARENGO	TOMBIGBEE	32 31	87 51	100	C		7A		59		J. A. ROBERTSON	3 7
DOTHAN CAA AIRPORT	2372	HOUSTON	CHOCTAWHATCHEE	31 15	85 27	322	C	MID	MID	11	31		CAA	2 3 4 5
ELBA	2577	COFFEE	PEA	31 25	86 04	204	C		8A		21		DOZIER B. ROBERTS	3
ELROD	2632	TUSCALOOSA	TOMBIGBEE	33 15	87 48		C		7A		9		K. V. BERRY	3
EUFULA	2727	BARBOUR	CHATTAHOOCHEE	31 53	85 08	254	C	6P	8A	65	65		HARRY E. MAUGANS	2 3 5 7
EUTAW LOCK NO 7	2742	GREENE	BLACK WARRIOR	32 47	87 50		C		7A		12		E. B. HOLBROOK	3 4
EVERGREEN	2758	CONECUH	CONECUH	31 26	86 58	340	C	6P	8A	65	65		MRS. JESSIE D. COLSON	2 3 5
FAIRHOPE	2813	BALDWIN	GULF	30 32	87 55	23	C	MID	6P	31	31	31	HAROLD F. YATES	2 3 5 6
FALKVILLE	2840	MORGAN	TENNESSEE	34 22	86 55	620	C		7A		10		TVA-384	3
FALLS CITY 6 MILES NW	2848	WINSTON	BLACK WARRIOR	34 04	87 20	650	C		7A		8		USFS	3
FAYETTE	2883	FAYETTE	TOMBIGBEE	33 41	87 50	359	C	8A	8A	14	23		WM. M. RILEY	2 3 5
FLAT ROCK	2945	JACKSON	TENNESSEE	34 46	85 41	1380	C		7A		10		TVA-387	3 4
FLORENCE AT LOCK	2976	LAUDERDALE	TENNESSEE	34 47	87 40	450	C		7A		65		U. S. ENGINEERS	3 7
FORT DEPOSIT	3024	LOWNDES	CONECUH	31 59	86 35	520	C		7A		49		MRS. ISABEL C. HUGHES	3
FORT MORGAN	3035	BALDWIN	GULF	30 14	88 01		C	8A	MID		8		WM. B. CHANDLER	2 3 4 5
FORT PAYNE	3043	DE KALB	COOSA	34 26	85 43	879	C		8A		7		JOHN W. PATE	3 4
FRISCO CITY	3105	MONROE	ESCAMBIA	31 26	87 24		C		8A		19		MRS. NELIA MC KENZIE	3
GADSDEN	3151	ETOWAH	COOSA	34 01	86 00	554	C	7P	8A	63	65		G. ERNEST HOLCOMB	2 3 5 7
GAINESVILLE	3160	SUMTER	TOMBIGBEE	32 49	88 09	130	C		7A		12		FRANK J. FIELDS	3 7
GARDEN CITY	3200	CULMAN	BLACK WARRIOR	34 00	86 44		C		7A		8		MRS. G. MC KENZIE	3 4
GENEVA	3255	GENEVA	CHOCTAWHATCHEE	31 02	85 52	107	C	6P	7A	11	24		REBECCA CAMPBELL	2 3 5 7
GOODWATER	3399	COOSA	COOSA	33 04	86 03	826	C	6P	8A	56	56		MRS. W. M. SELMAN	2 3 5
GORGAS	3430	WALKER	BLACK WARRIOR	33 39	87 13	300	C		6A		12		ALABAMA POWER CO.	3
GREENSBORO	3511	HALE	BLACK WARRIOR	32 42	87 36	220	C	5P	8A	70	81		MRS. C. POELLNITZ	2 3 5
GREENVILLE	3519	BUTLER	CONECUH	31 50	86 38	444	C	6P	8A	67	50		CECILE T. LEWIS	2 3 5
GREENVILLE NO 2	3524	BUTLER	CONECUH	31 50	86 38		C		MID		8		CITY WATER PLANT	3 4
GULF SHORES 2 MI SSE	3559	BALDWIN	GULF	30 16	87 40	10	C		8A				MRS. G. M. MC LEOD	3
GUNTERSVILLE	3573	MARSHALL	TENNESSEE	34 21	86 18	640	C		8A		48		L. S. LONG	3
GUNTERSVILLE CTY WTR	3578	MARSHALL	TENNESSEE	34 22	86 17	610	C		MID		6		TVA-403	3 4
GUNTERSVILLE DAM	3583	MARSHALL	TENNESSEE	34 26	86 24	611	C		7A		13		TVA-70	3
HALEYVILLE	3620	WINSTON	BLACK WARRIOR	34 14	87 38	947	C	6P	7A	12	12		ELMER L. SHIPMAN	2 3 4 5
HAMILTON	3644	MARION	TOMBIGBEE	34 08	87 59	498	C		6A		33		REX COOPER	3
HARRISBURG 6 MILES SE	3697	PERRY	CAHABA	32 48	87 11	600	C		8A		8		USFS	3
HAYNEVILLE	3748	LOWNDES	ALABAMA	32 11	86 35		C		8A		10		MAXINE E. WATSON	3
BELENA	3783	SHELBY	CAHABA	33 18	86 51	416	C		8A		36		RUDOLPH ENGLAND	3
HIGHLAND FARM	3816	CRENSHAW	CONECUH	31 57	86 19	594	C	5P	5P	57	57		LUKE JORDAN	2 3 5

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							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
BIGHTOWER	3842	CLEBURNE	TALLAPOOSA	33 32	85 24		C		8A		5		MRS. EARL LINDSEY	3
HODGES	3899	FRANKLIN	TOMBIGBEE	34 20	87 56		C		6A		11		FRANK L. HAYNES	3
HUNTSVILLE	4068	MADISON	TENNESSEE	34 42	86 35	610	C	MID	MID	10	25		U. S. WEATHER BUREAU	2 3 4 5
HYTOP	4099	JACKSON	TENNESSEE	34 54	86 05	1500	C		7A		14		TVA-78	3
JACKSON SBOALS	4198	TALLADEGA	COOSA	33 32	86 12	475	C		8A		12		ALABAMA POWER CO.	3
JACKSONVILLE	4209	CALHOUN	COOSA	33 49	85 45		C		MID		6		FLOY E. OWEN	3 4
JORDAN DAM	4306	ELMORE	COOSA	32 37	86 15	290	C		6A		12		ALABAMA POWER CO.	3
LA PAYETTE	4502	CHAMBERS	TALLAPOOSA	32 54	85 24	830	C	8A	8A				CLARENCE H. FINCHER	2 3 5
LAY DAM	4603	COOSA	COOSA	32 58	86 31	420	C		6A		12		ALABAMA POWER CO.	3 4
LEEDS	4619	JEFFERSON	CAHABA	33 33	86 33	636	C		8A		32		MRS. MARY K. LEE	3
LEESBURG	4627	CHEROKEE	COOSA	34 11	85 46	589	C		7A		56		RUFUS M. SEWELL	3
LIVINGSTON	4798	SUMTER	TOMBIGBEE	32 35	86 11	160	C	6P	6P	50	46		PROF. E. J. MURPHEY	2 3 5
LOCKHART	4822	COVINGTON	GULF	31 01	86 22	290	C	8A	8A	11	11		S. C. YOUNG	2 3 5
LOCK NO 1	4830	CLARKE	TOMBIGBEE	31 33	88 01	11	C		7A		25		U. S. ENGINEERS	3 4 7
LOCK NO 2	4835	CROCTAW	TOMBIGBEE	32 08	88 02	23	C		7A		25		U. S. ENGINEERS	3 7
LOCK NO 3	4840	CHOCTAW	TOMBIGBEE	32 17	88 01	33	C		7A		25		U. S. ENGINEERS	3 7
LOCK NO 4	4845	TALLADEGA	CAHABA	33 38	86 11	510	C	5P	7A	53	57		U. S. ENGINEERS	2 3 5 7
LOCK NO 17	4855	TUSCALOOSA	BLACK WARRIOR	33 29	87 20	280	C		7A		10		U. S. ENGINEERS	3
MADISON	4976	MADISON	TENNESSEE	34 42	86 45	573	C	6P	6P	55	55		RARRY P. CARTER	2 3 5
MAGELLA	4996	JEFFERSON	CAHABA	33 30	86 51	654	C		6A		12		ALABAMA POWER CO.	3
MAGNOLIA	5004	MARENGO	ALABAMA	32 08	87 39		C		MID		6		DR. T. H. GAILLARD	3 4
MARION 1 MILE SSE	5108	PERRY	CAHABA	32 37	87 18	263	C		8A		57		O. MYRON BOLIFIELD	3 4
MARION JUNCTION	5116	DALLAS	CAHABA	32 26	87 14	204	C		8A		11		MRS. MARGARET SMITH	3 7
MARTIN DAM	5140	TALLAPOOSA	TALLAPOOSA	32 40	85 55	340	C		6A		24		ALABAMA POWER CO.	3
MAXWELL FIELD	5202	MONTGOMERY	ALABAMA	32 25	86 25	165	C	MID	MID	15	15		U. S. ARMY AIR FORCES	2 3 5
MELVIN	5354	CHOCTAW	TOMBIGBEE	31 56	88 27		C		7A		8		JOHN R. LAND	3
MERTZ 3 MILES E	5382	BIBB	CAHABA	32 53	87 20	600	C		8A		8		USFS	3
MIDWAY	5397	BULLOCK	CHATTAAHOOCHEE	32 04	85 32		C		MID		8		MATHEW W. HALL	3 4
MILLERS FERRY	5417	WILCOX	TOMBIGBEE	32 06	87 22	78	C		8A		18		NORMAN D. WILLIAMS	3 7
MILLRY	5427	WASBINGTON	TOMBIGBEE	31 38	88 19	362	C	6P	6P		24		MARDIS M. BLOUNT	2 3 5
MILSTEAD	5439	MACON	TALLAPOOSA	32 27	85 54	206	C		8A		48		T. C. CARR	3 7
MITCHELL DAM	5465	CBILTON	COOSA	32 48	86 27	350	C		6A		12		ALABAMA POWER CO.	3
MOBILE WB AIRPORT	5478	MOBILE	GULF	30 41	88 12		C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MOBILE WB CITY	5483	MOBILE	GULF	30 42	88 02	10	C	MID	MID	77	78		U. S. WEATHER BUREAU	2 3 4 5
MONTE SANO	5529	MADISON	TENNESSEE	34 45	86 31	1650	C		7A		9		TVA-530	3
MONTEVALLO	5537	SHELBY	CAHABA	33 06	86 53	462	C		8A		8		M. P. JETER	3
MONTGOMERY WB AIRPORT	5550	MONTGOMERY	ALABAMA	32 18	86 23	198	C	MID	MID	5	5		U. S. WEATHER BUREAU	2 3 4 5
MONTGOMERY WB CITY	5555	MONTGOMERY	ALABAMA	32 23	86 18	201	C	MID	MID	77	77		U. S. WEATHER BUREAU	2 3 4 5 7
MOULTON	5625	LAWRENCE	TENNESSEE	34 29	87 17	630	C		MID		10		TVA-381	3 4
MOUNDEVILLE	5633	HALE	TOMBIGBEE	32 57	88 27		C						USFS	3
MUSCLE SHOALS	5749	COLBERT	TENNESSEE	34 44	87 36	540	C	MID	MID	59	65		CAA	2 3 5
NEW BROCKTON	5842	COFFEE	CHOCTAWHATCHEE	31 23	85 56		C		MID		8		E. EARL BOYETT	3 4
NEW MARKET	5862	MADISON	TENNESSEE	34 54	86 26	725	C		7A		6		TVA-624	3
NEWTON	5875	DALE	CHOCTAWHATCHEE	31 20	85 37	216	C		10A		33		FURN WYNN	3 7
ONEONTA	6121	BLOUNT	BLACK WARRIOR	33 57	86 30	857	C	6P	7A	38	47		L. E. SELLERS	2 3
ORRVILLE	6161	DALLAS	ALABAMA	32 18	87 14	200	C		8A		8		EDWARD B. WARREN	3
OZARK	6218	DALE	CHOCTAWHATCHEE	31 23	85 39	400	C	4P	7A	47	59		MRS. MARY E. SCOTT	2 3 5
PAINT ROCK	6226	JACKSON	TENNESSEE	34 40	86 20	610	C		MID		13		TVA-69	3 4
PALMERDALE	6246	JEFFERSON	CAHABA	33 44	86 39		C		10A		1		ROBERT P. STORES	3
PERRYVILLE	6362	PERRY	CAHABA	32 37	87 08		C		8A		7		MRS. GERTRUDE GREEN	3
PETERMAN	6370	MONROE	ALABAMA	31 35	87 16		C		MID		8		MRS. MINTA EDDINS	3 4
PICKENSVILLE	6414	PICKENS	TOMBIGBEE	33 13	88 16		C		7A		8		MRS. DORA I. CLAY	3
PINE HILL	6460	WILCOX	ALABAMA	31 59	87 36	110	C		8A		8		AUBREY T. WEATHERLY	3
PINE LEVEL	6468	MONTGOMERY	CONECUH	32 04	86 04		C		7A		9		C. W. ADAMS	3
PLANTERSVILLE	6508	DALLAS	ALABAMA	32 39	86 56		C		8A		9		O. W. BURNES	3
PLEASANT HILL	6526	DALLAS	ALABAMA	32 09	86 58		C		MID		4		CHARLES M. BENRY	3 4
PRATTVILLE	6640	AUTAUGA	ALABAMA	32 28	86 28	281	C	6P	6P	50	47		A. L. POWELL	2 3 5
PRIMROSE FARM	6684	MONTGOMERY	ALABAMA	32 20	86 15	180	C		8A		28		W. E. ELSBERRY	3
PUSHMATAHA	6719	CHOCTAW	TOMBIGBEE	32 12	88 21		C	6P	6P	58	58		MRS. JANIE C. BROWN	2 3 5
REFORM	6847	PICKENS	TOMBIGBEE	33 23	88 01		C		7A		11		W. M. MC DONALD	3
RIVER FALLS	6937	COVINGTON	CONECUH	31 21	86 32		C		8A		21		JOHN R. BRADLEY	3 7
RIVER FALLS 2 MILES NE	6942	COVINGTON	CONECUH	31 23	86 33		C		MID		5		ALABAMA ELECTRIC CO.	3 4
ROBERTSDALE 7 MILES E	6988	BALDWIN	GULF	30 33	87 48	148	C	6P	6P	19	37		CARL BOSECK	2 3 5
ROCK MILLS	7025	RANDOLPH	CHATTAAHOOCHEE	33 09	85 18	745	C	5P	7A	14	18		JAMES B. BAILEY	2 3 5
SAINT BERNARD	7157	CULLMAN	BLACK WARRIOR	34 12	86 47	802	C	6P	7A	42	42		FR. FREDERICK SMITH	2 3 5
SAYRE	7282	JEFFERSON	BLACK WARRIOR	33 43	86 58	304	C		7A		11		DORA R. WEBSTER	3
SCOTTSBORO	7304	JACKSON	TENNESSEE	34 41	86 02	652	C	6P	7A	66	67		MRS. KINZIE BOBO	2 3 5
SEALE 7 MILES WNW	7328	RUSSELL	CHATTAAHOOCHEE	32 18	85 17	358	C		8A		24		B. G. BUSB	3
SELMA	7366	DALLAS	ALABAMA	32 25	87 00	147	C	6P	8A	69	69		JOHN O. RHODES	2 3 5 7
SHEFFIELD TVA NRSY	7415	COLBERT	TENNESSEE	34 46	87 42	505	C		7A		14		TVA-49	3
SLOCOMB	7576	GENEVA	CHOCTAWHATCHEE	31 06	85 35		C		6A		1		PATRICK H. SMITH	3
SNOW HILL	7620	WILCOX	ALABAMA	32 00	87 01	225	C		7A		11		MRS. EVA R. RAY	3
SOUTH HILL	7671	DE KALB	TENNESSEE	34 24	86 02	990	C		7A		13		TVA-75	3
SPRING BILL	7733	MOBILE	GULF	30 42	88 10	175	C	9A	7A	36	37		BAMLIN B. TIPPINS	2 3 5
SWAIM	7968	JACKSON	TENNESSEE	34 53	86 13	665	C		7A		10		TVA-385	3
SYLACAUGA	7994	TALLADEGA	COOSA	33 10	86 13	548	C		8A		13		ALABAMA POWER CO.	3
SYLVANIA	8012	DE KALB	TENNESSEE	34 34	85 49	1400	C		7A		10		TVA-386	3
TALLADEGA	8024	TALLADEGA	COOSA	33 26	86 06	554	C	6P	6P	59	60		C. D. WEAVER	2 3 5
THOMASVILLE	8178	CLARKE	TOMBIGBEE	31 55	87 45	385	C	6P	7A	57	58		MRS. MINNIE DEATON	2 3 5
THORSBY 1 MILE SW	8204	CHILTON	ALABAMA	32 54	86 44		C		MID		5		SCS	3 4
TALLADEGA BORN MTN. TOWER	8032	TALLADEGA	COOSA	33 18	86 04	1919	C		9A				USFS	3
THURLOW DAM	8215	ELMORE	TALLAPOOSA	32 32	85 54	288	C		6A		12		ALABAMA POWER CO.	3
TIBBIE	8223	WASBINGTON	TOMBIGBEE	31 22	88 15	226	C		8A		9		MISS. DOROTHY TAYLOR	3 4
TONY	8259	MADISON	TENNESSEE	34 54	86 44	750	C		MID		7		TVA-506	3 4
TRAFFORD	8285	JEFFERSON	BLACK WARRIOR	33 49	86 44		C		7A		7		MRS. M. JOHNSON	3 4
TROY	8323	PIKE	PEA	31 49	85 58	590	C	8A	8A	41	53		THOMAS J. DILLARD	2 3 4 5
TUSCALOOSA AIRPORT	8380	TUSCALOOSA	BLACK WARRIOR	33 14	87 37	170	C	MID	MID	68	70		CAA	2 3 4 5
TUSCALOOSA LOCK & DAM	8385	TUSCALOOSA	BLACK WARRIOR	33 13	87 35	152	C		7A		22		U. S. ENGINEERS	3 7



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							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
TUSKEGEE	8398	MACON	TALLAPOOSA	32 24	85 42	459	C	5P	5P	50	50		W. T. THOMPSON	2 3 5
UNION SPRINGS	8438	BULLOCK	CONECUH	32 08	85 44	485	C	6P	8A	62	82		MRS. DOROTHY SMITH	2 3 5
UNIONTOWN	8446	PERRY	ALABAMA	32 27	87 31	273	C		8A		40		MISS. MARY MARTIN	3
UNIVERSITY	8454	TUSCALOOSA	BLACK WARRIOR	33 12	87 33	225	C	MID	MID	68	70		DR. F. B. MITCHELL	2 3 5
VALLEY HEAD	8469	DE KALE	COOSA	34 34	85 36	1031	C	6P	8A	64	64		MRS. CARRIE DALBY	2 3 5
VANCE	8477	TUSCALOOSA	CAHABA	33 10	87 13		C		7A		8		WM. F. VANCE	3
VERNON	8517	LAMAR	TOMBIGBEE	33 45	88 07	180	C		MID		8		G. C. MOORE, JR.	3 4
WADLEY	8605	RANDOLPH	TALLAPOOSA	33 08	85 34	640	C		6A		15		ALABAMA POWER CO.	3
WALLACE	8637	ESCAMBIA	CONECUH	31 12	87 14		C		8A		8		MRS. RUBY SOWELL	3
WALNUT GROVE	8648	ETOWAH	BLACK WARRIOR	34 04	86 19	850	C		7A		7		MRS. FLORENCE PARKER	3
WATERLOO	8686	LAUDERDALE	TENNESSEE	34 55	88 04	445	C		7A		52		HORACE E. PYBURN	3
WEST BLOCTON	8809	BIBB	CAHABA	33 07	87 07		C		8A		8		RUPERT M. BEARDEN	3
WETUMPKA	8859	ELMORE	COOSA	32 32	86 12	205	C	6P	6A	53	57		MRS. D. R. WHITAKER	2 3 5 7
WHATLEY	8867	CLARKE	TOMBIGBEE	31 39	87 43		C		7A		9		LEONARD L. COLEMAN	3
WHEELER DAM	8875	LAWRENCE	TENNESSEE	34 47	87 21	580	C		7A		13		TVA-52	3
WINFIELD 2 MILES SW	8998	FAYETTE	TOMBIGBEE	33 56	87 49	468	C		7A		15		W. W. COTNEY	3
YATES HYDRO PLANT	9103	ELMORE	TALLAPOOSA	32 34	85 54	335	C		6A		58		ALABAMA POWER CO.	3

## REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.

+ And also on later dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

6 Precipitation measured at 6-hourly intervals, no recording gage.

B Adjusted to a full month.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record.

R Station equipped with recording gage only. All amounts in Table 3 are for non-recording gages, except for stations with this reference.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:30 A.E.S.T. of the following day.

Z Hourly amounts from recording gage at the same site may be found in Table 4.

## CORRECTIONS

MONTH: JULY, 1948

Table 2:

Alherta

Total Precipitation should be 5.73.

Table 3:

Alherta

Amount of accumulation July 11th to 26th inclusive 3.94. Amount on 31st should be .68, monthly total should be 5.73.

MONTH: OCTOBER, 1948

Pressure Table:

Anniston WB Airport

Relative Humidity 7:30 p.m. E.S.T. should be 78.

Subscription Price: 15 cents per copy; \$1.50 a year (Yearly subscription includes Annual Summary. Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 430 Post Office Building, Chattanooga 2, Tennessee).

W.B.O., Washington, D.C. --- 2/15/49 --- 1280



U. S. DEPARTMENT OF COMMERCE  
CHARLES SAWYER, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

ALABAMA

ANNUAL SUMMARY 1948

Volume LIV No. 13



## General Summary

Spring rains delayed the planting of cotton and made the planting of this crop rather late, this work not being possible in most sections until after the middle of April. However, as was the case in 1947, subsequent weather conditions were favorable. For corn, sweet potatoes, soy beans, peanuts, cow peas and other staple summer crops the growing and harvesting seasons as a whole were unusually good, showers being timely in most sections and temperatures favorable.

Occasional rainfall in September did not seriously interfere with harvesting operations but was sufficient to put the soil in excellent condition for fall plowing and the planting of oats, cover crops and pasture grasses and legumes, which in all portions of the State except a few northwestern counties germinated well and made good growth. In November extensive areas of luxuriant winter pastures were being grazed and were keeping cattle and other livestock in fine condition. Mild temperatures continued until the last week of December, and some wild pasturage continued available over much of the State.

Summer gardens did well in most sections and fall gardens, which like fall field crops, got a good start in September, were supplying much produce for table use by the end of October.

Weather produced no generally unfavorable conditions at any time until the occurrence of heavy rains near the end of November. These caused major floods in most of the State's rivers as well as local inundations along small streams and on lowlands. Precipitation during December was not unusual, but fields continued too wet most of the time for cattle to graze on cultivated pasturage.

## JANUARY

This January was unusually cold, with the mean temperature for the State 40.4°, or 6.1° below normal. Sustained unseasonable cold weather did not begin until after the 13th, however, and daily fluctuations after that date were generally not large. No serious damage was done to winter vegetation by low temperatures.

The only unusual feature of the precipitation was the total snowfall. According to the observers, 5 to 6 inches or more was on the ground on the morning of the 24th over considerable areas of the west central and northern portions of the State.

Some scattered local wind damage was reported in the east central portion of the State between midnight and daybreak on the 2nd.

## FEBRUARY

The mean temperature was 3.2° milder than normal. There were light freezes in all sections, but only in portions of the Northern Division did morning minimums as low as 32° occur after the 15th. The rainfall average of 6.31 inches for the State was not representative, for the over-all distribution ranged from about two inches on the coast to 10 or 11 inches north of the Tennessee River. Very heavy rain fell in the northwest corner of the State on the 12th, and there was light snow in the Tennessee Valley late on the 9th.

All major streams had overflows except the Tallapoosa, and the rivers of southeast Alabama. No severe local windstorms were reported.

## MARCH

The month was wet, but not cold. The mean monthly temperature was 3.8° above normal, but there were freezes everywhere on the 13th. Light to moderate hail fell in scattered localities on the 26th. There were floods in the Warrior, Tombigbee, Conecuh, and Choctawhatchee Rivers, and in the lower Alabama.

Continued rains kept the soil too wet to work. Vegetation made good growth, but some tender vegetables such as cucumbers and watermelons near the coast, and early peach blooms in scattered north and central areas, were killed by frost on the 29th.

A tornado hit Florence, in Lauderdale County, on the 16th. Three of these storms were reported on the 26th; one in the western section of Birmingham; one at Aliceville, in Pickens County, and another at Opelika, in Lee County. The one at Birmingham was not positively identified as a tornado.

## APRIL

Temperatures averaged 4.5° warmer than normal. Rainfall was heavy the first two weeks, but little fell thereafter. Most of the spring plowing and planting, which had been delayed by wet soil, was completed during the last two weeks.

There were floods in the lower Black Warrior and the Tombigbee.

A tornado hit Ashland, in Clay County, on the 6th.

## MAY

There were no unusual temperatures. Precipitation was near 8 tenths of an inch below normal, with the driest area in general a belt across the central portion of the State. The most ample totals were near the coast and north of the Tennessee River. The month was not favorable for the best growth of vegetation, because the subnormal rains did not sufficiently replenish the shortage of moisture which existed at the end of April. The dry weather was favorable for cutting oats and hay, and for digging Irish

potatoes near the coast.

Thundersqualls did considerable property damage in south Alabama on the 4th and the 6th.

## JUNE

Temperatures averaged slightly above normal. The largest part of the rainfall, which was two-thirds of an inch below normal, fell during the third week. The growth of vegetation was retarded by dry soil except in a few favored localities, but after the good rains of the third week, crops recovered in most fields, and were in normal condition at the end of the month.

Thundersqualls did some wind damage at Montgomery on the 19th, and at Eufaula on the 20th. One person was killed by lightning at Gadsden on the 21st.

## JULY

Rainfall west of the Alabama and Warrior Rivers averaged roughly near an inch less than normal, and other sections would have had a deficiency if it had not been for the very heavy rain in the southeast on the 9th. A disturbance, which developed off the coast, moved northward along the Alabama-Georgia line and gave around 7.00 inches of rain near the border from Lee County southward through Houston County.

Temperatures averaged nearly a degree above normal. Hundred degree minima occurred at nearly half the stations during the first week, and it was unusually cool in the southeast and east central portions of the State on the 9th.

Three persons were killed by lightning on the 8th. Two were five miles northeast of Tarrant City, in Jefferson County; the other was near Ashland, in Clay County.

The month was favorable as a whole for crop growth. Most crops suffered somewhat on account of insufficient moisture in some areas of the west and northwest during the first half month, but abundant rain during the third week relieved this condition.

## AUGUST

August came through with less than the usual number of local droughts, although rainfall in the Northern and Middle Division averaged more than an inch below normal. Temperatures averaged slightly milder than usual. It was exceptionally cool on the morning of the 6th, when minimum readings averaged about 60°

It was another favorable month for field crops. Most of the rain fell early in the month, and was therefore in time to complete the growth of corn and to a large extent most other summer crops.

## SEPTEMBER

Precipitation for the State as a whole averaged 27% more than normal. This was a favorable circumstance, since September does not usually get enough rain to adequately maintain vegetation. The showers were mostly on hunched dates, so that much of the time was ideal for harvesting operations. It was a rather cool month, and day time temperatures on the 4th and 27th were exceptionally low.

## OCTOBER

The month was dry over the Northern and much of the Middle Division, and it was consequently fine for harvesting. The absence of prolonged high temperatures helped to conserve soil moisture, and the soil remained in workable condition for fall planting. An exceptionally large overnight drop in temperatures was recorded on the morning of the 18th when unusually early frost covered the Northern and Middle Divisions and scattered portions of the Southern Division. The minimum of 37° on that date in Montgomery equalled the all time record for so early in the season. Frost was killing in the north and a few central localities.

## NOVEMBER

Considering the time of year, the most remarkable rainy period ever recorded in Alabama occurred this month. From the 16th to the 28th, inclusive, there was roughly a State-wide average of about 12 inches. Over a strip extending from Monroe County northeastward to Lee County, rain which fell on the 26th ranged from 8 to more than 10 inches. Flooding was heavy in the major streams late in the month, and was particularly severe on the lower Tallapoosa below Milledgeville, the Alabama, and along small streams in the above mentioned area extending from Monroe County to Lee County.

Considerable damage was done by severe thundersqualls on the 5th in Crenshaw and Pike Counties, on the 18th in Lauderdale County, and in Macon County on the 28th.

Temperatures were mild. Although light to heavy frost occurred over most of the State on the 11th, there had been no killing frost during the fall season at most Middle and Southern Division stations as the month ended.

## DECEMBER

December was also relatively mild, but there was some cold weather during the last week. In the Southern and Middle Division sections, the first killing frost of the season occurred on the 26th. Rainfall was not unusually heavy, but the soil remained rather wet throughout the month.

F.C.P.

## ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington, 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.



# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ALABAMA  
1948

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
ALBERTVILLE 1 MI S	34.8	-8.9	46.9	1.3	54.0	2.0	63.4	3.3	67.8	-1.1	76.2	-0.5	78.8	-0.1	65.4	-2.2	71.0	-1.7	58.2	-4.1	52.1	1.1	-	-	-	-
ALEXANDER CITY 6 MI NE	40.5	-	51.0	-	59.3	-	69.1	-	70.8	-	77.6	-	80.0	-	79.0	-	72.7	-	59.0	-	54.3	-	48.6	-	63.5	-
ANDALUSIA	44.4	-	56.6	-	62.5	-	70.0	-	74.8	-	80.3	-	81.4	-	78.9	-	74.7	-	64.8	-	61.4M	-	55.6M	-	87.2	-
ANNISTON	38.0	-6.6	50.0	4.1	57.7	3.6	66.6	5.4	70.4	1.3	78.0	1.4	80.2	1.7	77.8	-0.6	71.8	-2.3	59.2	-3.8	54.8	2.7	49.4	4.2	62.8	0.8
ANNISTON WB AIRPORT	36.6	-8.0	48.9	3.0	56.6	2.5	65.6	4.4	69.4	0.3	77.9	1.3	79.2	0.7	77.2	-1.0	71.4	-2.7	58.8	-4.2	54.0	1.8	48.1	2.9	62.0	0.1
ATMORE STATE FARM	44.9	-	57.1	-	64.6	-	71.2	-	75.8	-	81.8	-	82.8	-	81.4	-	74.9	-	64.8	-	60.0	-	56.1	-	67.8	-
AUBURN	38.4	-9.8	51.0	-0.2	57.8	1.4	67.2	3.1	72.2	0.6	78.0	0.1	79.2	-0.7	77.4	-2.0	72.5	-3.6	61.1	-5.0	56.1	0.6	51.0	1.8	63.5	-1.1
BAY MINETTE	45.4	-7.5	56.2	0.8	63.7	3.6	70.0	3.1	74.8	1.5	80.0	0.4	81.2	0.7	79.5	-0.9	74.8	-2.6	65.4	-3.8	61.2M	1.5	57.0	3.5	87.4	0.0
BIRMINGHAM WB AIRPORT	36.8	-6.1	49.3	2.8	57.2	3.4	66.0	2.3	69.8	0.5	78.8	2.0	81.0	1.2	78.0	-0.4	72.5	-0.7	60.5	-1.9	54.5	3.1	48.8	4.7	62.7	1.0
BIRMINGHAM WB CITY	38.8	-6.3	50.4	2.4	58.6	3.2	67.6	4.3	72.4	1.3	80.4	2.5	82.3	2.1	79.8	0.4	74.7	-0.1	64.1	-0.7	57.3	3.4	49.8	3.4	64.6	1.3
BREWTON 3 MILES SSE	44.6	-4.9	56.6	3.1	63.5	5.3	68.8	3.6	72.8	0.4	79.3	0.5	81.0	-0.1	79.5	-1.1	73.6	-3.4	63.0	-3.7	59.9	3.2	55.7	4.1	66.5	0.8
CENTREVILLE	40.0	-6.6	52.0	2.5	60.2	4.1	68.0	4.6	72.1	1.6	79.6	1.1	82.8	2.8	81.3	0.9	75.1	-1.1	63.1	-1.9	57.7	3.8	50.8M	3.1	65.2	1.2
CITRONELLE	45.0	-7.5	56.6	2.1	63.2	2.3	70.4	3.9	75.0	1.4	80.2	-0.5	81.6	0.7	80.5	-0.5	74.8	-3.1	66.0	-2.8	60.4	1.1	57.1	3.8	67.5	0.1
CLANTON	39.6	-6.9	51.2	3.2	58.6	2.9	66.5	3.7	71.6	0.9	79.5	1.4	80.8	0.7	78.3	-1.6	-	-	60.2	-4.0	54.8	1.2	49.4	3.0	-	-
CORDOVA	37.8	-7.2	49.0	3.0	58.2	2.4	67.2	5.5	69.2	-0.4	78.8	1.9	81.6	2.3	78.8	-0.6	72.5	-1.9	60.8	-2.3	55.4	2.9	49.3	4.3	63.2	0.8
DAYTON	-	-	-	-	-	-	69.2	-	72.2	-	80.5	-	82.6	-	80.5	-	73.4	-	64.2	-	58.6	-	54.1	-	-	-
DECATUR	35.2	-7.2	46.4	2.4	56.0	2.9	66.2	4.4	69.7	-0.3	79.4	1.5	80.6	0.3	79.2	-0.1	72.7	-1.4	59.9	-2.3	53.6	2.7	46.0	0.5	62.1	0.3
DOTHAN CAA AIRPORT	43.9	-	57.0	-	62.3	-	70.5	-	76.3	-	82.0	-	82.0	-	80.0	-	74.8	-	64.8	-	-	-	55.3	-	-	-
EUFAULA	44.4	-3.9	56.0	6.0	62.6	5.2	70.2	5.7	75.2	2.5	81.2	2.0	81.6	0.8	79.8	-0.2	75.2	-1.1	72.7	-3.0	59.6M	4.0	54.4	5.3	66.9	1.9
EVERGREEN	-	-	56.2	5.6	63.6	5.5	70.0	4.3	74.5	1.6	79.8	0.8	81.8	1.1	80.8	0.0	74.6	-2.7	65.2	-1.5	61.3	4.5	55.6M	4.7	-	-
FAIRHOPE	45.2	-8.0	55.4	-0.3	63.0	2.9	69.4	3.0	74.7	1.7	80.8	1.5	82.4	1.5	80.8	0.1	75.6	-2.6	67.4	-2.2	61.7	2.9	58.8	4.4	67.9	0.4
FAYETTE	36.7	-	47.6	-	56.2	-	64.3	-	68.0	-	78.8	-	81.0	-	78.0	-	71.4	-	60.8	-	54.5	-	47.4	-	62.0	-
FRISCO CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GADSDEN	35.9	-7.7	48.0	2.9	56.6	3.0	64.6	3.1	68.8	-1.1	77.4	0.0	79.7	-0.3	76.7	-2.6	71.2	-3.8	57.5	-5.7	52.8	1.1	45.4	0.9	61.2	-0.9
GENEVA	45.5	-	59.0	-	64.2	-	71.0	-	76.0	-	81.0	-	82.1	-	80.8	-	75.6	-	63.8	-	60.9	-	56.8	-	68.0	-
GOODWATER	39.6	-6.1	50.6	3.5	58.7	3.3	66.9	4.6	70.8	0.2	77.6	-0.2	78.9	-0.4	77.2	-2.1	72.2	-3.3	60.4	-4.1	55.5	1.5	49.4	3.1	63.1	-0.1
GREENSBORO	41.0	-5.9	52.4	2.8	60.6	4.0	68.6	4.5	72.8	0.7	80.5	1.6	82.7	2.1	80.6	0.4	74.8	-1.3	64.7	-0.5	58.6	3.6	52.6M	4.2	65.8	1.3
GREENVILLE	43.4	-5.5	56.2	6.0	62.0	3.5	69.8	4.5	74.8	1.5	80.4	0.7	81.2	1.3	79.8	-0.7	74.4	-2.3	64.0	-2.0	59.4	3.4	55.4	6.2	66.7	1.4
HALEYVILLE	35.6	-	46.1	-	55.8	-	65.7	-	69.0	-	78.6	-	77.4	-	78.8	-	72.0	-	60.9	-	53.5	-	45.6	-	61.6	-
RIGHLAND HOME	42.1	-8.0	-	-	61.2	2.0	69.4	4.3	74.0	1.5	79.4	0.7	80.5	0.5	79.0	-0.7	73.9	-2.8	64.5	-2.8	58.6	1.5	53.6	3.0	-	-
HUNTSVILLE	32.4	-	45.1	-	53.8	-	63.8	-	67.7	-	77.4	-	79.0	-	76.1	-	70.8	-	58.0	-	52.3	-	46.1	-	60.2	-
LA FAYETTE	39.0	-	51.3	-	58.6	-	66.5	-	-	-	-	-	-	-	-	-	-	-	60.6	-	55.5M	-	-	-	-	-
LIVINGSTON	40.2	-5.2	51.6	3.2	60.1	3.8	67.2	3.7	71.9	-0.1	79.6	0.6	82.0	0.8	80.8	0.1	73.2	-2.2	62.6	-1.1	58.4	5.2	53.0	6.7	65.0	1.2
LOCKHART	45.4	-	57.6	-	63.0	-	71.0	-	75.8	-	81.0	-	82.0	-	80.8	-	75.8	-	65.6	-	61.6	-	57.0	-	68.0	-
LOCK NO 4	37.9	-7.2	49.2	2.7	58.0	3.2	65.8	4.4	70.0	0.2	77.8	0.2	80.2	0.2	77.4	-2.0	71.9	-3.0	58.2	-5.3	53.3	1.0	48.7	1.3	54.6	-8.0
MADISON	34.2	-8.0	45.2	1.0	54.8	1.9	64.6	3.8	68.3	-1.1	78.0	1.0	79.4	-0.4	77.3	-1.8	71.1	-3.6	58.6	-4.1	51.9	0.7	44.2	0.8	60.6	-0.9
MAXWELL FIELD	41.1	-	54.0	-	61.2	-	69.8	-	75.3	-	82.0	-	83.2	-	80.4	-	75.2	-	63.5	-	58.8	-	53.7	-	66.5	-
MOBILE WB AIRPORT	44.8	-	55.4	-	63.2	-	70.2	-	75.2	-	80.4	-	82.0	-	80.5	-	74.6	-	66.7	-	60.9	-	57.7	-	67.6	-
MOBILE WB CITY	45.5	-6.0	55.8	1.1	63.4	3.7	70.8	4.5	76.1	1.7	82.1	1.8	83.7	2.3	82.1	1.1	75.8	-2.3	67.2	-2.1	61.6	3.0	58.0	5.8	68.5	1.2
MONTGOMERY WB AIRPORT	40.7	-	53.8	-	60.2	-	68.5	-	74.0	-	80.5	-	82.3	-	80.3	-	74.6	-	63.6	-	57.7	-	52.8	-	65.7	-
MONTGOMERY WB CITY	42.0	-6.2	54.4	2.7	60.9	3.1	69.6	4.3	74.9	1.5	81.0	1.4	82.4	0.7	80.4	-0.4	75.0	-1.3	64.6	-2.0	58.9	3.1	54.1	4.7	66.5	1.0
MUSCLE SHOALS	33.1	-8.8	44.8	1.6	54.6	2.3	65.6	4.9	68.8	-0.4	78.9	1.8	81.2	1.6	78.8	-0.1	71.8	-2.2	59.4	-2.4	52.6	2.0	46.4	3.4	61.3	0.3
ONEONTA	36.4	-6.4	49.0	5.2	57.2	4.0	66.0	6.1	69.8	1.3	78.4	3.0	-	-	77.1	0.1	71.2	-1.2	58.0	-3.5	52.9	2.3	46.4	3.1	-	-
OZARK	46.2	-4.6	57.8	4.8	63.0	3.0	70.4	4.2	75.4	1.9	80.6	1.0	81.7	1.0	79.6	-1.0	74.8	-2.7	64.4	-3.4	60.3	2.9	54.8	3.0	67.4	0.7
PRATTVILLE	41.4	-6.8	53.6	3.5	60.6	3.0	68.6	5.1	72.8	1.9	80.0	1.8	81.6	1.5	79.8	0.1	74.0	-1.8	62.2	-2.8	57.5M	3.0	51.7M	3.3	65.3	1.0
PUSHMATAHA	41.8	-6.8	51.6	1.2	59.5	1.5	66.9	2.7	71.8	0.0	79.8	1.1	82.0	1.4	80.7	0.8	74.3	-1.7	62.2	-3.0	58.7	3.5	-	-	-	-
ROBERTSDALE 7 MI E	46.2	-	57.8	-	64.4	-	70.6	-	74.6	-	79.6	-	81.0	-	79.6	-	74.6	-	65.2	-	61.3	-	57.3	-	67.6	-
ROCK HILLS	40.0	-	50.4	-	58.7	-	67.0	-	71.7	-	79.0	-	79.8	-	78.7	-	72.7	-	59.8	-	54.9	-	48.5	-		



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Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
ABBEVILLE	-	-	3.88	-	11.24	-	1.73	-	1.42	-	3.22	-	-	-	3.88	-	9.76	-	4.99	-	10.33	-	6.55	-	-	-
ADDISON	2.75	-	9.64	-	6.21	-	4.98	-	2.84	-	1.29	-	3.44	-	2.23	-	5.15	-	1.48	-	13.76	-	4.55	-	57.66	-
ADDISON CENTRAL TOWER	3.98	-	11.08	-	12.35	-	2.23	-	4.04	-	-	-	3.44	-	2.23	-	-	-	-	-	-	-	-	-	-	-
ALBERTA	3.79	-	4.28	-	8.52	-	3.46	-	3.78	-	3.02	-	-	-	1.95	-	3.08	-	1.89	-	14.74	-	3.66	-	52.17	-
ALBERTVILLE 1 MI S	4.06	-1.09	9.74	4.86	8.11	1.82	3.13	-1.53	6.23	2.02	2.21	-2.03	6.71	1.70	0.87	-3.74	3.34	0.17	1.05	-2.22	15.48	11.76	-	-	-	-
ALEXANDER CITY 6 MI NE	4.95	-	6.80	-	12.11	-	-	-	3.02	-	-	-	10.60	-	-	-	4.80	-	0.61	-	18.80	-	4.76	-	-	-
ALICEVILLE	3.71	-	7.00	-	7.61	-	4.44	-	3.00	-	3.75	-	3.56	-	3.06	-	2.88	-	0.55	-	14.60	-	3.81	-	58.01	-
ANDALUSIA	5.15	-	2.93	-	11.80	-	4.32	-	2.41	-	3.18	-	-	-	2.20	-	4.63	-	2.49	-	13.19	-	5.36	-	-	-
ARLEY	3.94	-	8.60	-	7.32	-	4.21	-	3.54	-	1.82	-	4.37	-	4.40	-	4.78	-	0.23	-	12.46	-	6.80	-	62.47	-
ASHLAND //	4.62	-	6.58	-	11.77	-	3.44	-	2.58	-	3.99	-	9.99	-	5.70	-	5.24	-	0.72	-	16.07	-	4.01	-	74.71	-
ANNISTON	3.90	-1.25	6.96	1.37	8.65	3.01	4.70	0.33	3.97	0.06	-	-	-	-	5.45	1.40	3.31	-0.36	0.53	-2.09	16.89	13.65	6.11	1.05	-	-
ANNISTON WB AIRPORT	3.82	-1.33	6.81	1.38	8.61	2.97	3.50	-0.87	2.89	-1.02	2.17	-1.95	8.32	3.14	5.46	1.41	3.13	-0.54	0.64	-1.98	15.06	11.82	4.75	-0.31	65.16	12.72
ASHVILLE	4.96	-0.11	7.40	2.33	6.46	0.36	3.86	-1.04	1.66	-2.49	2.80	-1.61	5.05	-0.16	5.11	0.45	4.37	0.92	0.73	-2.37	19.05	15.76	3.52	-2.08	64.97	9.96
ATHENS	2.70	-	10.53	-	9.33	-	2.36	-	5.83	-	4.59	-	3.64	-	1.06	-	3.34	-	0.84	-	11.79	-	4.95	-	60.96	-
ATMORE STATE FARM	4.99	-	1.90	-	12.47	-	4.58	-	4.49	-	7.69	-	13.02	-	7.85	-	4.95	-	3.40	-	19.09	-	4.11	-	88.54	-
AUBURN	4.50	-0.10	6.07	0.62	12.07	6.22	1.63	-2.84	2.20	-1.34	5.81	1.75	11.62	6.30	5.68	0.83	5.24	2.14	1.37	-1.51	17.77	14.66	3.79	-1.81	77.75	24.92
AUBURN SCS 10	3.97	-	5.71	-	11.51	-	1.60	-	2.91	-	4.04	-	11.54	-	5.57	-	4.98	-	1.04	-	15.98	-	3.08	-	71.93	-
AUTAGAUVILLE	3.79	-	5.78	-	7.78	-	2.39	-	4.93	-	3.09	-	5.05	-	4.01	-	2.99	-	1.18	-	18.06	-	3.21	-	62.26	-
BAY MINETTE	5.43	0.90	1.51	-4.27	11.70	6.08</																				

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Table 2-Continued

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA  
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Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
MAOISON	3.82	-0.81	10.56	5.98	9.20	3.47	4.01	-0.82	3.79	-0.20	3.47	-0.79	5.51	0.89	3.18	-0.81	3.05	0.04	1.28	-2.10	13.02	8.50	3.80	-1.46	84.80	13.09
MAGELLA	5.25	-	10.45	-	7.89	-	4.82	-	3.42	-	1.73	-	7.35	-	3.42	-	3.87	-	0.78	-	18.72	-	4.80	-	72.40	-
MAGNOLIA	2.97	-	3.86	-	10.25	-	2.49	-	2.61	-	5.35	-	5.10	-	1.97	-	2.89	-	1.93	-	12.92	-	4.00	-	56.34	-
MARION 1 MILE SSE	4.48	-0.57	5.54	0.13	12.29	8.89	3.61	-0.57	5.58	1.70	5.15	1.74	8.36	1.07	6.06	1.50	3.00	0.26	0.82	-1.57	13.03	10.22	4.57	-0.72	70.49	20.08
MARION JUNCTION	3.72	-	4.70	-	9.69	-	3.58	-	3.49	-	5.13	-	5.33	-	2.88	-	2.76	-	1.58	-	14.82	-	3.83	-	61.31	-
MARTIN OAM	2.47	-2.50	5.86	0.45	8.39	2.69	2.35	-1.84	1.12	-2.16	2.73	-0.75	9.10	3.64	4.66	-0.01	4.89	1.59	0.84	-1.89	17.91	14.88	4.46	-0.89	84.58	13.22
MAXWELL FIELD	3.93	-	5.42	-	8.38	-	2.95	-	3.54	-	2.47	-	7.09	-	3.75	-	2.95	-	1.54	-	21.48	-	3.34	-	88.84	-
MELVIN	3.75	-	5.02	-	12.59	-	4.31	-	2.61	-	5.00	-	4.08	-	5.19	-	5.44	-	4.05	-	11.77	-	4.30	-	68.11	-
MERTZ 3 MILES E	4.95	-	6.78	-	11.60	-	5.30	-	4.70	-	3.78	-	4.79	-	1.80	-	2.65	-	0.77	-	15.29	-	4.80	-	67.32	-
MIOWAY	4.24	-	4.11	-	8.41	-	2.11	-	1.52	-	2.48	-	10.19	-	4.19	-	8.48	-	1.42	-	12.31	-	4.64	-	82.08	-
MILLERS FERRY	4.97	0.02	4.24	-0.79	9.05	2.30	3.62	-1.14	2.88	-0.75	-	-	5.79	0.15	1.33	-3.40	2.47	-0.85	1.45	-0.75	15.18	12.29	3.88	-1.85	-	-
MILSTEAO	4.09	-0.68	5.26	-0.28	7.85	2.10	2.95	-1.44	2.75	-0.93	-	-	7.17	1.64	5.45	0.84	4.85	1.84	1.22	-1.56	20.71	17.63	4.17	-1.50	-	-
MITCHELL DAM	3.25	-	5.35	-	8.08	-	2.27	-	2.33	-	3.17	-	8.60	-	4.78	-	3.26	-	0.83	-	-	-	3.77	-	-	-
MOBILE WB AIRPORT	6.48	-	1.31	-	11.95	-	5.79	-	3.72	-	5.24	-	6.03	-	11.09	-	7.56	-	1.45	-	13.85	-	5.85	-	80.12	-
MOBILE WB CITY	8.07	1.22	1.34	-4.18	11.48	5.50	4.31	-0.32	5.50	1.18	1.33	-4.10	2.84	-4.05	10.92	4.00	7.26	2.28	1.80	-1.80	12.09	8.45	5.42	0.40	70.38	8.58
MONTE SANO	3.09	-	11.50	-	9.05	-	4.50	-	4.48	-	4.48	-	8.35	-	1.80	-	2.94	-	1.80	-	14.47	-	5.27	-	68.83	-
MONTEVALLO	4.88	-	6.42	-	10.42	-	3.47	-	3.28	-	2.88	-	8.46	-	3.75	-	2.76	-	0.58	-	15.85	-	-	-	-	-
MONTGOMERY WB APT	3.92	-	4.53	-	8.53	-	2.04	-	2.55	-	3.84	-	5.11	-	4.82	-	3.29	-	1.89	-	21.32	-	3.31	-	65.15	-
MONTGOMERY WB CITY	3.97	-1.23	4.98	-0.67	8.00	2.01	1.88	-2.42	3.23	-0.61	3.52	-0.28	5.22	0.36	3.42	-0.81	3.13	0.14	1.85	-0.61	20.10	16.87	3.18	-1.68	62.48	11.09
MOULTON	3.31	-	9.24	-	10.50	-	1.98	-	5.52	-	3.66	-	2.90	-	0.84	-	3.88	-	0.94	-	11.68	-	3.17	-	57.62	-
MUSCLE SHOALS	3.64	-1.22	13.64	9.00	7.23	1.52	1.58	-3.02	3.57	-0.68	2.84	-1.63	6.25	1.63	0.35	-3.51	4.84	1.99	1.23	-1.99	11.39	7.94	4.49	-0.65	61.05	8.38
NEW BROCKTON	5.05	-	3.13	-	12.50	-	2.76	-	2.85	-	2.34	-	-	-	3.49	-	3.78	-	-	-	-	-	-	-	-	-
NEW MARKET	3.28	-	7.94	-	7.92	-	3.28	-	3.13	-	3.70	-	7.13	-	2.18	-	3.50	-	0.81	-	12.91	-	5.83	-	61.71	-
NEWTON	3.13	-1.40	2.05	-3.70	15.12	9.68	2.59	-1.66	2.72	-0.89	1.62	-2.94	7.43	1.66	7.53	2.38	4.10	-0.28	3.18	0.60	7.80	4.80	5.80	1.13	82.87	8.18
ONEONTA	4.34	-0.92	9.58	4.18	6.64	0.63	5.17	0.15	1.40	-3.04	4.12	-0.27	4.10	-0.52	1.67	-3.67	4.13	1.16	0.10	-2.94	16.98	13.97	4.10	-1.52	82.33	7.21
ORRVILLE	5.24	-	3.94	-	9.36	-	3.16	-	2.21	-	2.26	-	5.60	-	1.87	-	3.36	-	1.20	-	-	-	3.40	-	-	-
OZARK	3.48	-0.97	4.28	-1.40	11.62	6.28	3.50	-0.71	3.67	0.24	1.53	-3.05	14.39	8.23	4.93	-0.64	4.51	0.34	5.96	3.38	12.48	9.58	8.15	1.30	76.50	22.58
PAINT ROCK	3.50	-	11.35	-	8.00	-	4.13	-	3.06	-	2.66	-	4.00	-	3.59	-	3.84	-	1.42	-	14.05	-	4.94	-	64.54	-
PALMERDALE	4.93	-	7.74	-	6.71	-	6.09	-	2.02	-	2.81	-	4.45	-	4.45	-	-	-	1.60	-	15.01	-	4.74	-	-	-
PERRYVILLE	4.76	-	6.34	-	11.20	-	2.29	-	3.29	-	3.44	-	2.62	-	2.81	-	3.87	-	1.04	-	14.17	-	4.01	-	59.84	-
PETERMAN	3.83	-	3.20	-	10.15	-	1.89	-	2.23	-	4.31	-	3.86	-	-	-	2.49	-	2.35	-	17.85	-	2.33	-	-	-
PICKENSVILLE	3.54	-	5.19	-	7.45	-	3.95	-	3.63	-	3.93	-	4.00	-	2.52	-	3.01	-	0.45	-	13.96	-	4.17	-	55.80	-
PINE HILL	4.81	-	4.53	-	9.32	-	5.28	-	4.15	-	4.87	-	3.65	-	2.37	-	4.07	-	2.19	-	16.33	-	4.31	-	65.88	-
PINE LEVEL	4.61	-	4.14	-	10.18	-	3.37	-	2.49	-	3.88	-	5.25	-	3.25	-	5.48	-	2.11	-	17.35	-	4.15	-	68.26	-
PLANTERSVILLE	4.36	-	6.16	-	11.75	-	2.75	-	2.06	-	2.39	-	5.01	-	3.36	-	3.18	-	1.06	-	17.66	-	4.11	-	63.85	-
PLEASANT HILL	-	-	-	-	7.88	-	2.70	-	-	-	-	-	4.57	-	3.83	-	-	-	-	-	-	-	-	-	-	-
PRATTVILLE	4.73	-0.21	5.83	0.51	6.38	0.68	1.97	-2.44	3.69	0.36	4.25	0.42	7.44	1.99	-	-	4.15	0.95	1.00	-1.57	17.69	14.40	3.23	-1.99	-	-
PRIMROSE FARM	3.31	-1.47	4.00	-1.22	6.84	1.30	2.42	-1.66	3.28	-0.30	2.44	-1.50	6.86	1.68	5.09	0.67	3.02	-0.36	1.99	-0.33	22.66	18.95	3.58	-1.25	65.49	15.51
PUSHMATAHA	4.78	-0.65	4.94	-0.92	11.95	6.45	5.27	0.18	3.10	-1.33	2.19	-2.59	1.91	-3.94	-	-	-	2.80	0.16	-	-	-	-	-	-	-
REFORM	3.88	-	7.41	-	7.70	-	4.61	-	5.39	-	3.47	-	3.33	-	3.82	-	4.34	-	0.54	-	14.51	-	5.73	-	84.73	-
RIVER FALLS	6.04	-0.14	2.92	-2.56	12.45	4.72	4.93	0.37	2.20	-2.16	3.99	-0.21	6.58	0.14	4.15	-1.37	4.47	0.63	2.44	-0.26	21.36	18.41	4.91	0.38	76.44	17.93
RIVER FALLS 2 MI NE	4.34	-	2.39	-	11.42	-	2.07	-	1.48	-	3.31	-	-	-	-	-	3.01	-	0.45	-	-	-	-	-	-	-
ROBERTSDALE 7 MI E	5.06	0.35	1.66	-3.77	14.51	9.39	2.38	-2.78	4.43	-1.07	6.07	-0.10	9.76	0.24	8.59	1.13	7.98	1.45	1.04	-3.02	13.75	10.37	4.15	-1.13	78.38	11.06
ROCK MILLS	4.28	-0.79	5.61	0.02	9.32	2.92	4.63	0.13	3.71	0.36	3.16	-1.15	8.66	2.51	5.53	0.32	5.07	2.38	0.84	-1.96	16.86	13.62	4.32	-1.03	72.21	17.33
SAINT BERNARD	4.11	-1.40	10.73	5.81	6.66	0.69	4.39	-0.45	3.38	-1.11	3.00	-1.27	2.74	-2.58	3.62	-1.04	3.25	0.46	0.29	-3.45	13.78	10.06	4.56	-0.95	60.53	4.77
SAYRE	5.25	-	6.53	-	6.97	-	6.22	-	3.06	-	3.08	-	4.75	-	6.82	-	4.46	-	1.15	-</						

# TEMPERATURE EXTREMES AND FREEZE DATA

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Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ALBARTVILLE	100	7- 5	6	1-18	3-13 (24°)	3-13 (24°)	3-29 (29°)	10-18 (30°)	10-19 (27°)	12-26 (18°)	238	220	203
ALEXANDER CTY 6 MI NE	97	6- 8+	9	1-15	1-29 (24°)	3-29 (26°)	3-29 (26°)	10-18 (32°)	11-11 (28°)	12-26 (20°)	332	227	203
ANDULUSIA	98	6- 8+	15	1-18	1-25 (22°)	2- 1 (26°)	3-29 (32°)	12-26 (28°)	12-26 (28°)	none		329	272
ANNISTON	100	7- 4	12	1-15	2- 2 (24°)	2- 3 (25°)	3-29 (31°)	10-18 (31°)	12-26 (22°)	12-26 (22°)	328	327	203
ANNISTON WB AIRPORT	99	7- 5	11	1-15	2- 3 (23°)	3-29 (28°)	3-29 (28°)	10-18 (32°)	11-11 (28°)	12-26 (20°)	327	227	203
ATMORE STATE FARM	100	7-23	14	1-18	1-25 ( - )	2- 3 ( - )	3-13 (31°)	12-26 (29°)	12-31 (28°)	none		305	298
AUBURN	99	8-31	10	1-15	2- 1 (23°)	2- 3 (27°)	3-29 (29°)	11-11 (30°)	12-26 (22°)	12-26 (22°)	304	327	227
BAY MINETTE	98	7-23	14	1-18	1-25 ( - )	2- 1 ( - )	3-13 (32°)	12- 1 (30°)	12-31 (27°)	-		334	288
BIRMINGHAM WB AIRPORT	100	7- 5	9	1-18	3-13 (23°)	3-13 (23°)	3-29 (30°)	10-18 (31°)	12-10 (26°)	12-26 (20°)	288	272	203
BIRMINGHAM WB CITY	102	7- 6	12	1-18	2- 2 (24°)	3-13 (26°)	3-14 (32°)	10-18 (30°)	12-26 (21°)	12-26 (21°)	328	288	218
BREWTON 3 MILES SSE	99	7-22+	15	1-18	2- 1 (24°)	2- 3 (27°)	3-29 (30°)	10-19 (32°)	12-11 (28°)	none		312	204
CENTREVILLE	103	7- 5	13	1-15	1-25 (19°)	3-13 (26°)	3-29 (30°)	10-19 (30°)	12-26 (27°)	none		288	204
CITRONELLE	97	7-23	13	1-18	1-25 (21°)	2- 1 (26°)	3-13 (31°)	12-26 (28°)	12-26 (28°)	none		329	288
CLANTON	102	7- 7	11	1-18	1-25 (19°)	2- 3 (28°)	3-29 (30°)	10-18 (30°)	12-26 (26°)	12-26 (22°)	336	327	203
CORDOVA	101	7- 7	8	1-18	3-13 (20°)	3-29 (28°)	3-29 (28°)	10-18 (30°)	10-19 (25°)	12-10 (24°)	256	204	203
DAYTON	103	7- 5	-	-	-	-	-	10-18 (31°)	12-26 (26°)	none		-	-
DECATUR	100	8-29	9	1-18	2-10 (20°)	3-13 (28°)	3-13 (28°)	10-19 (31°)	12-11 (28°)	12-26 (18°)	320	273	220
DOTHAN CAA AIRPORT	102	6-27	16	1-15	1-18 (20°)	2- 1 (28°)	2- 1 (28°)	-	-	-		-	-
EUFULA	100	6- 6	15	1-15	1-25 (24°)	2- 2 (28°)	3-29 (32°)	12-11 (31°)	12-26 (27°)	none		328	257
EVERGREEN	103	8-30	-	-	-	-	3-29 (31°)	12-13 (32°)	12-31 (27°)	none		-	259
FAIRHOPE	98	7-24	14	1-18	2- 1 (24°)	2- 1 (24°)	3-29 (32°)	12-26 (30°)	none	none		-	272
FAYETTE	104	7- 5	6	1-18	3-13 (20°)	3-29 (26°)	3-29 (26°)	10-18 (27°)	10-18 (27°)	10-19 (24°)	220	203	203
GADSDEN	99	6-14+	10	1-15	2- 3 (24°)	3-29 (26°)	3-29 (26°)	10-18 (27°)	10-18 (27°)	12-10 (24°)	311	203	203
GENEVA	100	6-25+	15	1-15	1-19 (24°)	2- 1 (26°)	3-29 (32°)	11-11 (32°)	12-31 (27°)	12-31 (27°)		334	227
GOODWATER	95	7- 5	12	1-15	1-25 (19°)	2- 3 (28°)	3-29 (30°)	10-18 (31°)	12-26 (26°)	12-26 (20°)	336	327	203
GREENSBORO	102	7- 5	12	1-18	1-25 (16°)	3-13 (27°)	3-29 (32°)	10-18 (32°)	12-10 (28°)	12-26 (24°)	336	272	203
GRENVILLE	97	6-14+	13	1-18	1-25 (20°)	2- 1 (26°)	3-29 (32°)	12-26 (22°)	12-26 (22°)	12-26 (22°)	336	329	272
HALEYVILLE	99	7- 5+	9	1-18	3-13 (24°)	3-13 (24°)	3-29 (32°)	10-18 (30°)	12-10 (26°)	12-26 (19°)	288	272	203
HIGHLAND HOME	99	8-30	11	1-18	1-25 (20°)	1-25 (20°)	3-13 (30°)	12-26 (25°)	12-26 (25°)	none		336	288
HUNTSVILLE	99	7- 5	7	1-24	2-15 (23°)	3-29 (27°)	3-29 (27°)	10-18 (30°)	10-19 (25°)	12-25 (24°)	314	204	203
LA FAYETTE	-	-	-	-	1-25 (19°)	2- 2 (28°)	3-29 (31°)	-	-	-		-	-
LIVINGSTON	100	7- 5	8	1-18	2- 1 (22°)	3-13 (26°)	3-29 (30°)	10-18 (31°)	12-11 (26°)	12-31 (24°)	334	273	203
LOCKHART	98	7-24+	17	1-18	1-25 (24°)	2- 1 (26°)	2- 1 (26°)	12-26 (30°)	12-31 (27°)	none		334	329
LOCK NO 4	99	7- 7	12	1-15	2- 2 (22°)	3-13 (25°)	3-29 (29°)	10-18 (31°)	12-10 (28°)	12-11 (24°)	313	272	203
MADISON	100	7- 5+	5	1-18	3-13 (24°)	3-29 (28°)	3-29 (28°)	10-18 (25°)	10-18 (25°)	12-10 (23°)	272	203	203
MAXWELL FIELD	99	8-30	10	1-18	1-25 (24°)	1-25 (24°)	3-13 (32°)	12-26 (27°)	12-26 (27°)	none		336	288
MOBILE WB AIRPORT	98	8-13	14	1-18	1-25 (21°)	2- 1 (27°)	3-13 (32°)	12-26 (30°)	none	none		-	288
MOBILE WB CITY	97	7-24+	16	1-18	1-25 (24°)	1-25 (24°)	2- 1 (29°)	12-26 (30°)	none	none		-	329
MONTGOMERY WB CITY	98	7- 7+	14	1-18	1-25 (23°)	1-25 (23°)	2- 2 (30°)	12-26 (27°)	12-26 (27°)	none		336	313
MUSCLE SHOALS	103	7- 7+	5	1-18	2-10 (20°)	3-13 (26°)	3-13 (26°)	10-18 (29°)	10-19 (28°)	-		220	219
ONEONTA	-	-	5	1-18	3-13 (21°)	3-14 (27°)	3-29 (29°)	10-18 (30°)	10-19 (26°)	12-10 (24°)	272	219	203
OZARK	100	7- 7	17	1-15	1-18 (17°)	2- 1 (26°)	2-10 (32°)	12-26 (28°)	12-26 (28°)	-		393	320
PRATTVILLE	99	7- 7	13	1-18	1-25 (22°)	1-25 (22°)	3-29 (31°)	-	12-26 (26°)	none		336	-
PUSHMATAHA	100	7-23	12	1-18	1-28 (24°)	3-14 (27°)	3-29 (30°)	10-19 (31°)	-	-		-	204
ROBERTSDALE 7 MILES E	97	7-23	15	1-18	1-25 (20°)	2- 1 (25°)	3-29 (32°)	12-31 (27°)	12-31 (27°)	none		334	277
ROCK MILLS	104	7- 3	9	1-15	2- 3 (23°)	3-29 (27°)	3-29 (27°)	10-19 (32°)	11-11 (28°)	12-11 (24°)	312	227	204
SAINT BERNARD	101	7- 5	8	1-18	2-10 (24°)	3-29 (26°)	3-29 (26°)	-	-	-		-	-
SCOTTSBORO	102	7- 5	9	1-25	3-13 (23°)	3-29 (28°)	3-29 (28°)	10-18 (32°)	11-25 (28°)	12-11 (23°)	273	241	203
SELMA	97	6-14+	12	1-18	1-25 (22°)	1-25 (22°)	3-13 (29°)	12-26 (27°)	12-26 (27°)	none		336	288
SPRING HILL	-	-	14	1-18	1-25 (21°)	2- 1 (26°)	3-13 (31°)	-	-	-		-	-
TALLADEGA	98	7- 5	10	1-15	2- 3 (24°)	3-29 (27°)	3-29 (27°)	10-18 (32°)	12-10 (27°)	12-26 (20°)	327	256	203
THOMASVILLE	99	7-23+	10	1-18	2- 1 (24°)	3-13 (28°)	2-29 (32°)	10-18 (32°)	12-26 (26°)	none		288	203
TROY	99	8-31	14	1-18	1-25 (20°)	2- 1 (25°)	3-13 (32°)	12-11 (32°)	12-26 (26°)	none		329	273
TUSCALOOSA AIRPORT	103	7- 5	10	1-18	2- 2 (24°)	3-13 (27°)	3-29 (30°)	10-18 (30°)	10-19 (28°)	12-26 (23°)	328	249	203
TUSKEGEE	103	8-30	16	1-18	1-25 (24°)	2- 1 (26°)	3-29 (31°)	11-14 (30°)	12-26 (25°)	none		329	230
UNION SPRINGS	98	8-30	14	1-18	1-25 (22°)	2- 1 (25°)	3-29 (32°)	12-26 (25°)	12-26 (25°)	none		329	272
UNIVERSITY	102	7- 5	10	1-18	2- 2 (23°)	3-13 (27°)	3-29 (30°)	11-11 (32°)	12-26 (23°)	12-26 (23°)	328	288	227
VALLEY HEAD	99	7- 5	11	1-18	3-29 (23°)	3-29 (23°)	4- 3 (32°)	10-18 (28°)	10-18 (28°)	10-19 (24°)	204	203	198
WETUMPKA	97	6-25+	12	1-18	1-25 (23°)	1-26 (28°)	3-13 (30°)	12-26 (26°)	12-26 (26°)	none		335	288

# TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Departure fr. normal
AUBURN	EVAP	-	2.768	5.691	6.840	9.520	10.383	7.636	6.073	6.039	4.181	3.021	1.823	-	
	WIND	-	-	2,056	1,552	1,290	932	689	358	663	623	1,221	1,393	-	
FAIRHOPE	EVAP	1.876	1,810	3.826	5.386	6.974	6.766	6.160	4.974	4.188	3.664	1.888	1.592	49.104	
	WIND	1,134	828	934	590	722	845	627	433	572	498	839	884	8,906	



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Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
								Temperature	Precipitation	Evaporation	Month opened	Month closed	
ABBEVILLE		0008	HENRY	CHATTAHOOCHEE	31 34	85 15				5			3 4
ADDISON		0063	WINSTON	BLACK WARRIOR	34 13	87 10				8			3 4
ADDISON CENTRAL TOWER	ADDISON (near)	0071	LAWRENCE	BLACK WARRIOR	34 25	87 19	1500			8			
ALBERTA		0140	WILCOX	ALABAMA	32 14	87 25				8			3
ALBERTVILLE 1 MILE S	ALBERTVILLE	0148	MARSHALL	TENNESSEE	34 16	86 13	1114	23	23				2 3 5
ALEXANDER CITY 6 MI NE	ALEXANDER CITY	0163	TALLAPOOSA	TALLAPOOSA	32 59	85 52	660	6	6				2 3 5
ALICEVILLE		0178	PICKENS	TOMBIGBEE	33 08	88 10				9			3
ANDALUSIA		0252	COVINGTON	CONECUH	31 19	86 30	346	11	11				2 3 5
ANNISTON		0267	CALHOUN	COOSA	33 40	85 50	724	58	58				2 3 5
ANNISTON WB AIRPORT	ANNISTON MUNICIPAL AIRPORT	0272	CALHOUN	COOSA	33 35	85 51		2	2				2 3 4 5
ARLEY		0338	WINSTON	BLACK WARRIOR	34 04	87 13				11			3
ASHLAND		0369	CLAY	TALLAPOOSA	33 16	85 50				8			3 4
ASHVILLE		0377	ST CLAIR	COOSA	33 50	86 16	880			33			3
ATHENS		0390	LIMESTONE	TENNESSEE	34 48	86 59	709			8			3
ATMORE STATE FARM	ATMORE (near)	0402	ESCAMBIA	ESCAMBIA	31 10	87 29		5	5				2 3 4 5
AUBURN		0422	LEE	TALLAPOOSA	32 36	85 30	732	57	71	2			2 3 5 6
AUBURN 4 MILES N	AUBURN (near)	0427	LEE	TALLAPOOSA	32 40	85 29				5			3 4
AUTAUGAVILLE		0440	AUTAUGA	ALABAMA	32 26	86 39				8			3
BAY MINETTE		0583	BALDWIN	GULF	30 53	87 47	268	24	30				3 5
BEATRICE		0616	MONROE	ALABAMA	31 44	87 13				7			3
BELGREEN		0631	FRANKLIN	TENNESSEE	34 28	87 52	910			13			3 4
BERRY		0748	FAYETTE	BLACK WARRIOR	33 40	87 36				8			3 4
BEXAR 2 MILES SE	BEXAR (near)	0790	MARION	TOMBIGBEE	34 12	88 09				3			3 4
BILLINGSLEY		0823	AUTAUGA	ALABAMA	32 39	86 43				10			3
BIRMINGHAM WB AIRPORT	BIRMINGHAM AIRPORT	0831	JEFFERSON	BLACK WARRIOR	33 34	86 45	610	11	11				2 3 4 5
BIRMINGHAM WB CITY		0836	JEFFERSON	BLACK WARRIOR	33 32	86 50	694	61	61				2 3 5
BISHOP		0854	COLBERT	TENNESSEE	34 39	88 05	470			11			3
BOAZ	BOAZ (near)	0957	MARSHALL	BLACK WARRIOR	34 13	86 10				8			3 4
BRANTLEY		1069	CRENSHAW	CONECUH	31 35	86 16	284			19			3
BREWTON 3 MILES SSE		1084	ESCAMBIA	CONECUH	31 04	87 03	85	31	34				2 3 5
BRIDGEPORT		1099	JACKSON	TENNESSEE	34 57	85 43	660			53			3
BRUNDIDGE		1178	PIKE	CHOCTAWHATCHEE	31 43	85 49	515			19			3
CALERA		1288	SHELBY	COOSA	33 06	86 45	500			49			3
CAMPBELL		1315	CLARKE	TOMBIGBEE	31 55	87 59				8			3 4
CARBON BILL		1317	WALKER	BLACK WARRIOR	33 54	87 32	430			10			3
CENTER GROVE		1492	MORGAN	TENNESSEE	34 23	86 38	700			14			3
CENTREVILLE		1520	BIBB	CAHABA	32 57	87 08	230	32	32				2 3 5
CHILDERSBURG		1615	TALLADEGA	COOSA	33 17	86 21	540			12			3
CITRONELLE		1685	MOBILE	GULF	31 05	88 14	331	60	61				2 3 5
CLANTON		1694	CHILTON	COOSA	32 51	86 38	590	56	56				2 3 5
CLAYTON		1725	BARBOUR	CBOCTAWHATCHEE	31 52	85 27	590			21			3
COFFEE SPRINGS		1807	GENEVA	CHOCTAWHATCHEE	31 10	85 55	255			26			3
COLLINSVILLE		1849	DE KALB	COOSA	34 15	85 52	734			11			3
COLUMBIA		1865	BOUSTON	CHATTAHOOCHEE	31 18	85 06	130			13			3
CORDOVA		1940	WALKER	BLACK WARRIOR	33 46	87 11	334	28	46				2 3 5
CUBA		2079	SUMTER	TOMBIGBEE	32 26	88 23	215			9			3
DADEVILLE	DADEVILLE	2119	TALLAPOOSA	TALLAPOOSA	32 50	85 45	760			36			3
DADEVILLE NO 2		2124	TALLAPOOSA	TALLAPOOSA	32 50	85 46				8			3 4
DANCY		2141	PICKENS	TOMBIGBEE	33 01	88 17	208			43			3
DAYTON		2188	MARENGO	TOMBIGBEE	32 21	87 39		1	9				2 3 5
DECATUR		2207	MORGAN	TENNESSEE	34 37	86 58	573	67	70				2 3 5
DEMOPOLIS		2240	MARENGO	TOMBIGBEE	32 31	87 51	100			59			3
DOTHAN CAA AIRPORT		2372	HOUSTON	CHOCTAWHATCHEE	31 15	85 27	322	11	31				2 3 4 5
ELBA		2577	COFFEE	PEA	31 25	86 04	204			21			3
ELROD		2632	TUSCALOOSA	TOMBIGBEE	33 15	87 48				9			3
EUFULA		2727	BARBOUR	CHATTAHOOCHEE	31 53	85 08	254	65	65				2 3 5
EUTAW LOCK NO 7		2742	GREENE	BLACK WARRIOR	32 47	87 50				12			3 4
EVERGREEN		2758	CONECUH	CONECUH	31 26	86 58	340	65	65				2 3 5
FAIRHOPE		2813	BALDWIN	GULF	30 32	87 55	23	31	31				2 3 5 6
FALKVILLE		2840	MORGAN	TENNESSEE	34 22	86 55	620			10			3
FALLS CITY 6 MILES NW	FALLS CITY (near)	2848	WINSTON	BLACK WARRIOR	34 04	87 20	650			8			3
FAYETTE		2883	FAYETTE	TOMBIGBEE	33 41	87 50	359	14	23				2 3 5
FLAT ROCK		2945	JACKSON	TENNESSEE	34 46	85 41	1380			10			3 4
FLORENCE AT LOCK		2976	LAUDERDALE	TENNESSEE	34 47	87 40	450			65			3
PORT DEPOSIT		3024	LOWNDES	CONECUH	31 59	86 35	520			49			3
FORT MORGAN		3035	BALDWIN	GULF	30 14	88 01				8			2 3 4 5
FORT PAYNE		3043	DE KALB	COOSA	34 26	85 43	879			7			3 4
FRISCO CITY		3105	MONROE	ESCAMBIA	31 26	87 24				19			3
GADSDEN		3151	ETOWAH	COOSA	34 01	86 00	554	63	65				2 3 5
GAINESVILLE		3160	SUMTER	TOMBIGBEE	32 49	88 09	130			12			8
GARDEN CITY		3200	CULLMAN	BLACK WARRIOR	34 00	86 44				8			3 4
GENEVA		3255	GENEVA	CHOCTAWHATCHEE	31 02	85 52	107	11	24				2 3 5
GOODWATER		3399	COOSA	COOSA	33 04	86 03	826	56	56				2 3 5
GORGAS		3430	WALKER	BLACK WARRIOR	33 39	87 13	300			12			3
GREENSBORO		3511	HALE	BLACK WARRIOR	32 42	87 36	220	70	81				2 3 5
GREENVILLE		3519	BUTLER	CONECUH	31 50	86 38	444	67	50				2 3 5
GREENVILLE NO 2	GREENVILLE	3524	BUTLER	CONECUH	31 50	86 38				8			3 4
GULF SBORES 2 MILES SSE		3559	BALDWIN	GULF	30 16	87 40	10						3
GUNTERSVILLE		3573	MARSHALL	TENNESSEE	34 21	86 18	640			48		Aug.	3
GUNTERSVILLE CITY WATER		3578	MARSHALL	TENNESSEE	34 22	86 17	610			6			3 4
GUNTERSVILLE DAM		3583	MARSHALL	TENNESSEE	34 26	86 24	611			13			3
HALEYVILLE		3620	WINSTON	BLACK WARRIOR	34 14	87 38	947	12	12				2 3 4 5
HAMILTON		3644	MARION	TOMBIGBEE	34 08	87 59	498			33			3
HARRISBURG 6 MILES SE	HARRISBURG (near)	3697	PERRY	CAHABA	32 48	87 11	600			8			3
HAYNEVILLE		3748	LOWNDES	ALABAMA	32 11	86 35				10			3
HELENA		3783	SHELBY	CAHABA	33 18	86 51	416			36			3
HIGHLAND HOME		3816	CRENSHAW	CONECUH	31 57	86 19	594	57	57				2 3 5
HIGHTOWER		3842	CLEBURNE	TALLAPOOSA	33 32	85 24				5			3
HODGES		3899	FRANKLIN	TOMBIGBEE	34 20	87 56				11			3
HUNTSVILLE		4068	MADISON	TENNESSEE	34 42	86 35		10	25				2 3 4 5
HYTOP		4099	JACKSON	TENNESSEE	34 54	86 05	1500			14			3
JACKSON SHOALS		4198	TALLADEGA	COOSA	33 32	86 12	475			12			3
JACKSONVILLE		4209	CALHOUN	COOSA	33 49	85 45				6			3 4
JORDAN DAM		4306	ELMORE	COOSA	32 37	86 15	290			12			3

See reference notes following Station Index

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Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
								Temperature	Precipitation	Evaporation	Month opened	Month closed	
LA FAYETTE		4502	CHAMBERS	TALLAPOOSA	32 54	85 24	830						2 3 5
LAY DAM		4603	COOSA	COOSA	32 58	86 31	420		12				3 4
LEEDS		4619	JEFFERSON	CAHABA	33 33	86 33	636		32				3
LEESBURG		4627	CHEROKEE	COOSA	34 11	85 46	589		56				3
LIVINGSTON		4798	SUMTER	TOMBIGBEE	32 35	88 11	160	50	46				2 3 5
LOCKHART		4822	COVINGTON	GULF	31 01	86 22	290	11	11				2 3 5
LOCK NO 1		4830	CLARKE	TOMBIGBEE	31 33	88 01	11		25				3 4
LOCK NO 2		4835	CHOCTAW	TOMBIGBEE	32 08	88 02	23		25				3
LOCK NO 3		4840	CHOCTAW	TOMBIGBEE	32 17	88 01	33		25				3
LOCK NO 4		4845	TALLADEGA	COOSA	33 38	86 11	510	53	57				2 3 5
LOCK NO 17		4855	TUSCALOOSA	BLACK WARRIOR	33 29	87 20	280		10				3
MADISON		4976	MADISON	TENNESSEE	34 42	86 45	573	55	55				2 3 5
MAGELLA		4996	JEFFERSON	CAHABA	33 30	86 51	654		12				3
MAGNOLIA		5004	MARENGO	ALABAMA	32 08	87 39			6				3 4
MARION 1 MILE SSE	MARION (near)	5108	PERRY	CAHABA	32 37	87 18	263		57				3 4
MARION JUNCTION		5116	DALLAS	CAHABA	32 26	87 14	204		11				3
MARTIN DAM		5140	TALLAPOOSA	TALLAPOOSA	32 40	85 55	340		24				3
MAXWELL FIELD		5202	MONTGOMERY	ALABAMA	32 25	86 25	165	15	15				2 3 5
MELVIN		5354	CHOCTAW	TOMBIGBEE	31 56	88 27			8				3
MERTZ 3 MILES E	MERTZ (near)	5382	BIBB	CAHABA	32 53	87 20	600		8				3
MIDWAY		5397	BULLOCK	CHATTAHOOCHIEE	32 04	85 32			8				3 4
MILLERS FERRY		5417	WILCOX	ALABAMA	32 06	87 22	78		18				3
MILLYR		5427	WASHINGTON	TOMBIGBEE	31 38	88 19	362		24		JUNE		2 3 5
MILSTEAD		5439	MACON	TALLAPOOSA	32 27	85 54	206		48				3
MITCHELL DAM		5465	CHILTON	COOSA	32 48	86 27	350		12				3
MOBILE WB AIRPORT	MOBILE	5478	MOBILE	GULF	30 41	88 12		5	5				2 3 4 5
MOBILE WB CITY	MOBILE CITY	5483	MOBILE	GULF	30 42	88 02	10	77	78				2 3 4 5
MONTE SANO		5529	MADISON	TENNESSEE	34 45	86 31	1650		9				3
MONTEVALLO		5537	SHELBY	CAHABA	33 06	86 53	462		8				3
MONTGOMERY WB AIRPORT	MONTGOMERY	5550	MONTGOMERY	ALABAMA	32 18	86 23	198	5	5				2 3 4 5
MONTGOMERY WB CITY	MONTGOMERY CITY	5555	MONTGOMERY	ALABAMA	32 23	86 18	201	77	77				2 3 4 5
MOULTON		5625	LAWRENCE	TENNESSEE	34 29	87 17	630		10				3 4
MUSCLE SHOALS		5749	COLBERT	CAHABA	34 44	87 36	540	59	65				2 3 5
NEW BROCKTON		5842	COFFEE	CHOCTAWHATCHEE	31 23	85 56			8				3 4
NEW MARKET		5862	MADISON	TENNESSEE	34 54	86 26	725		6				3
NEWTON		5875	DALE	CHOCTAWHATCHEE	31 20	85 37	216		33				3
ONEONTA		6121	BLOUNT	BLACK WARRIOR	33 57	86 30	857	38	47				2 3 5
ORRVILLE		6161	DALLAS	ALABAMA	32 18	87 14	200		8				3
OZARK		6218	DALE	CHOCTAWHATCHEE	31 23	85 39	400	47	59				2 3 5
PAINT ROCK		6226	JACKSON	TENNESSEE	34 40	86 20	610		13				3 4
PALMERDALE		6246	JEFFERSON	CAHABA	33 44	86 39			1		JUNE		3
PERRYVILLE		6362	PERRY	CAHABA	32 37	87 08			7				3
PETERMAN		6370	MONROE	ALABAMA	31 35	87 16			8				3 4
PICKENSVILLE		6414	PICKENS	TOMBIGBEE	33 13	88 16			8				3
PINE HILL		6460	WILCOX	ALABAMA	31 59	87 36	110		8				3
PINE LEVEL		6468	MONTGOMERY	CONECUH	32 04	86 04			9				3
PLANTERSVILLE		6508	DALLAS	ALABAMA	32 39	86 56			9				3
PLEASANT HILL		6526	DALLAS	ALABAMA	32 09	86 58			4				3 4
PRATTVILLE		6640	AUTAUGA	ALABAMA	32 28	86 28	281	50	47				2 3 5
PRIMROSE FARM		6684	MONTGOMERY	ALABAMA	32 20	86 15	180		28				3
PUSHMATAHA		6719	CHOCTAW	TOMBIGBEE	32 12	88 21		58	58				2 3 5
REFORM		6847	PICKENS	TOMBIGBEE	33 23	88 01			11				3
RIVER FALLS		6937	COVINGTON	CONECUH	31 21	86 32			21				3
RIVER FALLS 2 MILES NE	RIVER FALLS (near)	6942	COVINGTON	CONECUH	31 23	86 33			5				3 4
ROBERTSDALE 7 MILES E	ROBERTSDALE	6988	BALDWIN	GULF	30 33	87 48	148	19	37				2 3 5
ROCK MILLS		7025	RANDOLPH	CHATTAHOOCHIEE	33 09	85 18	745	14	18				2 3 5
SAINT BERNARD		7157	CULLMAN	BLACK WARRIOR	34 12	86 47	802	42	42				2 3 5
SAYRE		7282	JEFFERSON	BLACK WARRIOR	33 43	86 58	304		11				3
SCOTTSBORO		7304	JACKSON	TENNESSEE	34 41	86 02	652	66	67				2 3 5
SEALE 7 MILES WNW		7328	RUSSELL	CHATTAHOOCHIEE	32 18	85 17	358		24				3
SELMA		7366	DALLAS	ALABAMA	32 25	87 00	147	69	69				2 3 5
SHEFFIELD TVA NRSY		7415	COLBERT	TENNESSEE	34 46	87 42	505		14				3
SLOCOMB		7576	GENEVA	CHOCTAWHATCHEE	31 06	85 35			1		JUNE		3
SNOW HILL		7620	WILCOX	ALABAMA	32 00	87 01	225		11				3
SOUTH HILL		7671	DE KALB	TENNESSEE	34 24	86 02	990		13				3
SPRING HILL		7733	MOBILE	GULF	30 42	88 10	175	36	37				2 3 5
SWAIN		7968	JACKSON	TENNESSEE	34 53	86 13	665		10				3
SYLACAUGA		7994	TALLADEGA	COOSA	33 10	86 13	548		13				3
SYLVANIA		8012	DE KALB	TENNESSEE	34 34	85 49	1400		10				3
TALLADEGA		8024	TALLADEGA	COOSA	33 26	86 06	554	59	60				2 3 5
TALLADEGA HORN MTN. TOWER		8032	TALLADEGA	COOSA	33 18	86 04	1919		18				3
THOMASVILLE		8178	CLARKE	TOMBIGBEE	31 55	87 45	385	57	58				2 3 5
THORSBY 1 MILE SW	THORSBY (near)	8204	CHILTON	ALABAMA	32 54	86 44			5				3 4
THURLOW DAM		8215	ELMORE	TALLAPOOSA	32 32	85 54	288		12				3
TIBBIE		8223	WASHINGTON	TOMBIGBEE	31 22	88 15	226		9				3
TONEY		8259	MADISON	TENNESSEE	34 54	86 44	750		7				3 4
TRAFFORD		8285	JEFFERSON	BLACK WARRIOR	33 49	86 44			7				3 4
TROY		8323	PIKE	PEA	31 49	85 58	590	41	53				2 3 4 5
TUSCALOOSA AIRPORT	TUSCALOOSA	8380	TUSCALOOSA	BLACK WARRIOR	33 14	87 37	170	68	70				2 3 4 5
TUSCALOOSA LOCK & DAM		8385	TUSCALOOSA	BLACK WARRIOR	33 13	87 35	152		22				3
TUSKEGEE		8398	MACON	TALLAPOOSA	32 24	85 42	459	50	50				2 3 5
UNION SPRINGS		8438	BULLOCK	CONECUH	32 08	85 44	485	62	82				2 3 5
UNIONTOWN		8446	PERRY	ALABAMA	32 27	87 31	273		40				3
UNIVERSITY		8454	TUSCALOOSA	BLACK WARRIOR	33 12	87 33	225	68	70				2 3 4 5
VALLEY HEAD		8769	DE KALB	COOSA	34 34	85 36	1031	64	64				2 3 5
VANCE		8477	TUSCALOOSA	CAHABA	33 10	87 13			8				3
VERNON		8717	LAMAR	TOMBIGBEE	33 45	88 07	180		8				3 4
WADLEY		8605	RANDOLPH	TALLAPOOSA	33 08	85 34	640		15				3
WALLACE		8637	ESCAMBIA	CONECUH	31 12	87 14			8				3
WALNUT GROVE		8648	ETOWAH	BLACK WARRIOR	34 04	86 19	850		7				3
WATERLOO		8686	LAUDERDALE	TENNESSEE	34 55	88 04	445		52				3
WEST BLOCTON		8809	BIBB	CAHABA	33 07	87 07			8				3

See reference notes following Station Index



## STATION INDEX

ALABAMA  
1948

Continued.

Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
								Temperature	Precipitation	Evaporation	Month opened	Month closed	
WETUMPKA	TALLASSEE	8859	ELMORE	COOSA	32 32	86 12	205	53	57				2 3 5 7
WHATLEY		8867	CLARKE	TOMBIGBEE	31 39	87 43			9				3
WHEELER DAM		8875	LAWRENCE	TENNESSEE	34 47	87 21	580		13				3
WINFIELD 2 MILES SW		8998	FAYETTE	TOMBIGBEE	33 56	87 49	468		15				3
YATES HYDRO PLANT		9103	ELMORE	TALLAPOOSA	32 34	85 54	335		58				3

## REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by foot note following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

- no record.

+ also later dates or months.

// gage is equipped with a windshield.

B adjusted to full month.

M 1 to 10 days' record missing; see monthly Climatological Data for detailed daily record.

T trace, an amount too small to measure.

V includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 6/24/49 --- 13























